

# Gültigkeit und Lebensdauer von Variablen

```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;

        for(int i=0; i<a; i++){
            int f = 2;
            e = e + d;
        }

        return e;
    }

    public static void main(String[] args) {
        int b = 5;
        int c = 0;
        Gueltigkeit beispiel = new Gueltigkeit();

        c = beispiel.eineMethode(b);
        System.out.println(c);
    }
}
```

# Merke:

Der **Gültigkeitsbereich** einer Variablen bezeichnet den Teil des Programms, in dem auf die Variable zugegriffen werden kann.

{ }

```
class Gueltigkeit {
```

```
}
```

```
class Gueltigkeit {
```



Klassenebene

```
}
```

```
class Gueltigkeit {
```

```
    int eineMethode(int d){
```



Methodenebene



```
    }
```

```
    public static void main(String[] args) {
```



Methodenebene



```
    }
```

```
}
```

```
class Gueltigkeit {  
  
    int eineMethode(int d){  
  
        for(int i=0; i<a; i++){  
            ↕  
            ↕ Schleifenebene  
        }  
  
    }  
  
    public static void main(String[] args) {  
  
    }  
  
}
```

```
class Gueltigkeit {
    int a = 3;
    int eineMethode(int d){
        for(int i=0; i<a; i++){
        }
    }
    public static void main(String[] args) {
    }
}
```

```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;
        for(int i=0; i<a; i++){
            }
        }
    }

    public static void main(String[] args) {

    }

}
```

```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;

        for(int i=0; i<a; i++){
            int f = 2;
        }

    }

    public static void main(String[] args) {

    }

}
```

```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;

        for(int i=0; i<a; i++){
            int f = 2;
        }

    }

    public static void main(String[] args) {

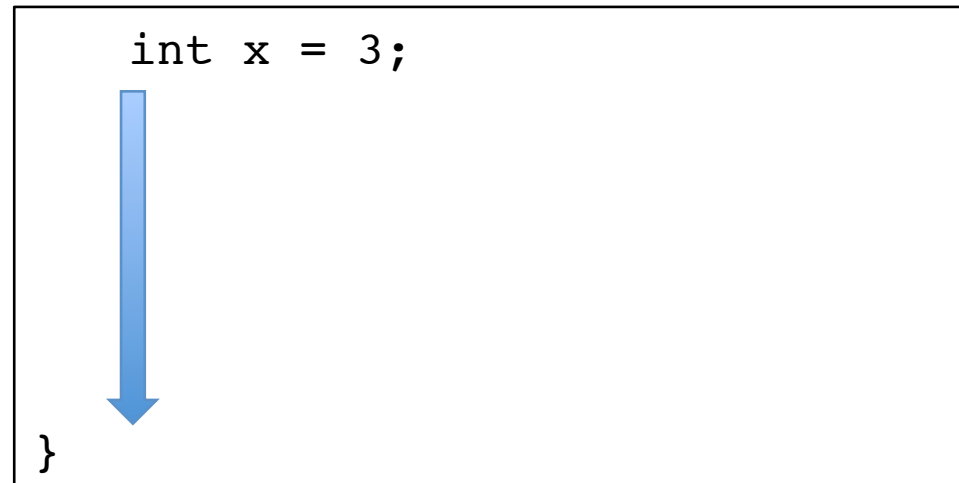
    }

}
```

# Merke:

**Gültigkeit:**  
von Initialisierung

bis Ende der Ebene



# Merke:

Die **Lebensdauer** einer Variablen ist die Zeit von der Erzeugung der Variablen bis zu dem Zeitpunkt, in dem sie im Speicher gelöscht wird.

```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;

        for(int i=0; i<a; i++){
            int f = 2;
            e = e + d;
        }

        return e;
    }

    public static void main(String[] args) {
        int b = 5;
        int c = 0;
        Gueltigkeit beispiel = new Gueltigkeit();

        c = beispiel.eineMethode(b);
        System.out.println(c);
    }
}
```

Speicher



```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;

        for(int i=0; i<a; i++){
            int f = 2;
            e = e + d;
        }

        return e;
    }
}
```

Speicher



```
public static void main(String[] args) {
    1. int b = 5;
    int c = 0;
    Gueltigkeit beispiel = new Gueltigkeit();

    c = beispiel.eineMethode(b);
    System.out.println(c);
}
}
```

```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;

        for(int i=0; i<a; i++){
            int f = 2;
            e = e + d;
        }

        return e;
    }
}
```

Speicher

b

```
public static void main(String[] args) {
    1. int b = 5;
    int c = 0;
    Gueltigkeit beispiel = new Gueltigkeit();

    c = beispiel.eineMethode(b);
    System.out.println(c);
}
}
```

```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;

        for(int i=0; i<a; i++){
            int f = 2;
            e = e + d;
        }

        return e;
    }
}
```

Speicher

b      5

```
public static void main(String[] args) {
    1. int b = 5;
       int c = 0;
       Gueltigkeit beispiel = new Gueltigkeit();

       c = beispiel.eineMethode(b);
       System.out.println(c);
}
}
```

```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;

        for(int i=0; i<a; i++){
            int f = 2;
            e = e + d;
        }

        return e;
    }
}
```

Speicher

b	5
c	0

```
public static void main(String[] args) {
    1. int b = 5;
    int c = 0;
    Gueltigkeit beispiel = new Gueltigkeit();

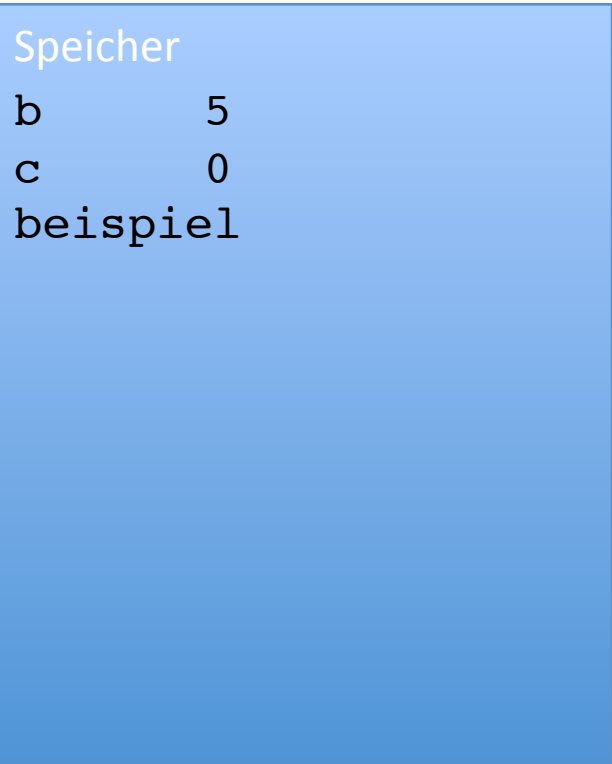
    c = beispiel.eineMethode(b);
    System.out.println(c);
}
}
```

```
class Gueltigkeit {
    int a = 3;

    int eineMethode(int d){
        int e = 5;

        for(int i=0; i<a; i++){
            int f = 2;
            e = e + d;
        }

        return e;
    }
}
```



```
public static void main(String[] args) {
    1. ↓ int b = 5;
        int c = 0;
        Gueltigkeit beispiel = new Gueltigkeit();

        c = beispiel.eineMethode(b);
        System.out.println(c);
    }
}
```

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
    int eineMethode(int d){  
        int e = 5;
```

```
        for(int i=0; i<a; i++){  
            int f = 2;  
            e = e + d;  
        }
```

```
        return e;
```

```
    }
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;  
    int c = 0;
```

```
    Gueltigkeit beispiel = new Gueltigkeit();
```

```
    c = beispiel.eineMethode(b);  
    System.out.println(c);
```

```
    }
```

```
}
```

Speicher

b        5

c        0

beispiel

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
    int eineMethode(int d){
```

```
        int e = 5;
```

```
        for(int i=0; i<a; i++){
```

```
            int f = 2;
```

```
            e = e + d;
```

```
        }
```

```
        return e;
```

```
    }
```

```
public static void main(String[] args) {
```

```
1. ↓
```

```
    int b = 5;
```

```
    int c = 0;
```

```
    Gueltigkeit beispiel = new Gueltigkeit();
```

```
    c = beispiel.eineMethode(b);
```

```
    System.out.println(c);
```

```
    }
```

```
}
```

Speicher

b        5

c        0

beispiel

    a        3

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
    int eineMethode(int d){  
        int e = 5;
```

```
        for(int i=0; i<a; i++){  
            int f = 2;  
            e = e + d;  
        }
```

```
        return e;
```

```
    }
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;  
    int c = 0;
```

```
3. ↓ Gueltigkeit beispiel = new Gueltigkeit();
```

```
    c = beispiel.eineMethode(b);  
    System.out.println(c);
```

```
    }
```

```
}
```

Speicher

b        5

c        0

beispiel

    a     3

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
    int eineMethode(int d){  
        int e = 5;
```

```
        for(int i=0; i<a; i++){  
            int f = 2;  
            e = e + d;  
        }
```

```
        return e;
```

```
    }
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;  
    int c = 0;
```

```
3. ↓ Gueltigkeit beispiel = new Gueltigkeit();
```

```
    c = beispiel.eineMethode(b);  
    System.out.println(c);
```

```
    }
```

```
}
```

Speicher

b        5

c        0

beispiel

    a        3

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
    int f = 2;
```

```
    e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓
```

```
int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓
```

```
int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
9. ↓
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
    int f = 2;
```

```
    e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
9. System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 5

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
5. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 5

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
5. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 5

i 0

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
5. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 5

i 0

f 2

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
5. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 10

i 0

f 2

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
5. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 10

i 0

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
5. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 10

i 1

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
5. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 10

i 1

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
6. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 10

i 1

f 2

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
6. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 15

i 1

f 2

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
6. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 15

i 1

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
6. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 15

i 2

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
6. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 15

i 2

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 15

i 2

f 2

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 20

i 2

f 2

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 20

i 2

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 20

i 3

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 20

i 3

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
8. ↓
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 20

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
8. ↓
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 0

beispiel

a 3

d 5

e 20

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
8. ↓
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓
```

```
int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
9. ↓
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 20

beispiel

a 3

d 5

e 20

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
8. ↓
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓ int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
9. ↓
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 20

beispiel

a 3

```
class Gueltigkeit {
```

```
2. → int a = 3;
```

```
int eineMethode(int d){
```

```
4. ↓ int e = 5;
```

```
for(int i=0; i<a; i++){
```

```
7. ↓ int f = 2;
```

```
e = e + d;
```

```
}
```

```
8. ↓
```

```
return e;
```

```
}
```

```
public static void main(String[] args) {
```

```
1. ↓
```

```
int b = 5;
```

```
int c = 0;
```

```
Gueltigkeit beispiel = new Gueltigkeit();
```

```
3. ↓
```

```
c = beispiel.eineMethode(b);
```

```
9. ↓
```

```
System.out.println(c);
```

```
}
```

```
}
```

Speicher

b 5

c 20

beispiel

a 3

# Merke:

**Lebensdauer:**  
von Initialisierung

bis Ende der Ebene

