

```
static int maximum(int[] werte) {           werte
    int laenge = werte.length;             laenge
    int max = 0;                            max

    for (int i = 0; i < laenge; i++) {      i
        if (werte[i] > max) {
            max = werte[i];
        }
    }

    return max;
}
```

```
public static void main(String[] args) {    args
    int[] werte = { 8, 17, 5, 42, 3, 41, 8 }; werte
    System.out.println(maximum(werte)); // -> 42
}
```