

```
Sample.java
1 //2nd maximum number in array
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int [] ar=new int[5];
10        ar[0]=100;
11        ar[1]=200;
12        ar[2]=500;
13        ar[3]=400;
14        ar[4]=800;
15
16        for(int i=0;i<ar.length;i++) {
17
18            for(int j=i+1;j<ar.length;j++) {
19                if(ar[i]>ar[j]) {
20                    int temp=ar[i];
21                    ar[i]=ar[j];
22                    ar[j]=temp;
23                }
24            }
25        }
26        System.out.println(ar[1]);
27    }
28 }
29
```

Console

<terminated> Sar
200

```
*Sample.java
1 //3rd minimum number in array
2
3
4 package org.sample;
5
6 public class Sample {
7
8     public static void main(String[] args) {
9         int [] ar=new int[5];
10        ar[0]=100;
11        ar[1]=200;
12        ar[2]=500;
13        ar[3]=400;
14        ar[4]=800;
15
16        for(int i=0;i<ar.length;i++) {
17
18            for(int j=i+1;j<ar.length;j++) {
19                if(ar[i]<ar[j]) {
20                    int temp=ar[i];
21                    ar[i]=ar[j];
22                    ar[j]=temp;
23                }
24            }
25        }
26        System.out.println(ar[2]);
27    }
28 }
29
```

Console

<terminated> Sar
400