

```
*Sample.java
1
2 //maximum number in array
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[0]);
27     }
28 }
29
```

Console

<terminated> Sam  
800

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Sample.java
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16         for(int i=0;i<ar.length;i++) {
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18             for(int j=i+1;j<ar.length;j++) {
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20                     int temp=ar[i];
21                     ar[i]=ar[j];
22                     ar[j]=temp;
23                 }
24             }
25         }
26         System.out.println(ar[0]);
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Console

<terminated> Sam  
100