

```
Sample.java
1 //ascending order 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]=800;
11        ar[1]=200;
12        ar[2]=500;
13        ar[3]=400;
14        ar[4]=100;
15
16        for(int i=0;i<ar.length;i++) {
17            for(int j=i+1;j<ar.length;j++) {
18                if(ar[i]>ar[j]) {
19                    int temp=ar[i];
20                    ar[i]=ar[j];
21                    ar[j]=temp;
22                }
23            }
24        }
25        for(int i=0;i<ar.length;i++) {
26            System.out.println(ar[i]);
27        }
28    }
29 }
30 }
31 }
```

Console

<terminated> Sam

100  
200  
400  
500  
800

```
Sample.java
1 //descending order 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            for(int j=i+1;j<ar.length;j++) {
18                if(ar[i]<ar[j]) {
19                    int temp=ar[i];
20                    ar[i]=ar[j];
21                    ar[j]=temp;
22                }
23            }
24        }
25        for(int i=0;i<ar.length;i++) {
26            System.out.println(ar[i]);
27        }
28    }
29 }
30 }
31 }
```

Console

<terminated> San

800  
500  
400  
200  
100