

```
/*  
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* Roll no:- S 56  
*/
```

```
class Bubblesortexample  
{  
static void bubblesort(int[] arr)  
{  
int n= arr.length;  
int temp = 0;  
for(int i=0;i<n;i++)  
{  
for(int j=1;j<(n-i);j++)  
{  
if(arr[j-1]>arr[j])  
{  
temp=arr[j-1];  
arr[j-1]=arr[j];  
arr[j]=temp;  
}  
}  
}  
}
```

```
public static void main(String args[])
{int arr[] = {3,60,35,2,45,320,5};
System.out.println("Array Before Bubble Sort");
for(int i=0;i<arr.length;i++)
{
System.out.print(arr[i]+"");
System.out.println();
}
System.out.println();
bubblesort(arr);
System.out.println("Array After Bubble Sort");
for(int i=0;i<arr.length;i++)
{

System.out.print(arr[i]+"");
System.out.println();
}
System.out.println();
}
}
```

OUTPUT

```
PS C:\Users\Rahul singh\Downloads\Java-main\Java-main> java -cp .
```

```
Array Before Bubble Sort
```

```
3
```

```
60
```

```
35
```

```
2
```

```
45
```

```
320
```

```
5
```

```
Array After Bubble Sort
```

```
2
```

```
3
```

```
5
```

```
35
```

```
45
```

```
60
```

```
320
```

```
PS C:\Users\Rahul singh\Downloads\Java-main\Java-main>
```