

Q1. [ASS_CODE1.java](#)

```
Enter the size of array
5
Enter the elements of array
3 5 1 6 0
6 5 3 1 0
```

Q2. [ASS_CODE2.java](#)

```
Enter the size of array
5
Enter the elements of array
3 5 1 6 0
6 5 3 1 0
```

Q3. [ASS_CODE3.java](#)

```
Enter the size of array
5
Enter the elements of array
3 5 1 6 0
6 5 3 1 0
```

Q4. 3 iterations are required

Original Array is {3 5 1 6 0}

In first iteration array is {5 3 6 1 0}

In second iteration array is {5 6 3 1 0}

In third iteration array is {6 5 3 1 0}

Q5. 3 iterations are required.

Original Array is {3 5 1 6 0}

In first iteration array is {6 5 1 3 0}

In second iteration array is {6 5 1 3 0}

In third iteration array is {6 5 3 1 0}

Now the array is sorted.