

Name: - Saurabh Suman

Section: -C

Roll no: - 2001135

Course: - MCA

Question: Write a Java Program to sort an array, the elements of an array are provided by the user.

```
Java_Mock.java x
1  package javamock;
2
3  import java.util.Arrays;
4  import java.util.Scanner;
5
6  public class Java_Mock {
7      public static void main(String[] args){
8          Scanner sc = new Scanner(System.in);
9          System.out.println("Enter the size of an Array: ");
10         int size = sc.nextInt();
11         int []arr = new int[size];
12         System.out.println("Enter the content of the data: ");
13         for(int i = 0; i < size; i++){
14             arr[i] = sc.nextInt();
15         }
16         Arrays.sort(arr);
17         System.out.println("Sorted array: ");
18         for(int i = 0; i < size; i++) {
19             System.out.println(arr[i]);
20         }
21     }
22 }
```

```
Run: Java_Mock x
"C:\Program Files\Java\jdk-11.0.11\bin\java
Edition 2020.1.3\bin" -Dfile.encoding=UTF-8
Enter the size of an Array:
5
Enter the content of the data:
9
2
7
10
6
Sorted array:
2
6
7
9
10

Process finished with exit code 0
```