

JAVA MOCK TEST

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MCA 2C

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Q1. Write a Java Program to sort an array, the elements of an array are provided by the user.

Code:

```
public class SortArray
{
    public static void main(String[] args)
    {
        int count, temp;

        Scanner scan = new Scanner(System.in);

        System.out.print("Enter number of elements you want in the array: ");
        count = scan.nextInt();

        int num[] = new int[count];

        System.out.println("Enter array elements:");
        for (int i = 0; i < count; i++)
        {
            num[i] = scan.nextInt();
        }

        scan.close();

        for (int i = 0; i < count; i++)
        {
            for (int j = i + 1; j < count; j++) {
                if (num[i] > num[j])
```

```

    {
        temp = num[i];
        num[i] = num[j];
        num[j] = temp;
    }
}

System.out.print("Array Elements in Ascending Order: ");

for (int i = 0; i < count - 1; i++)
{
    System.out.print(num[i] + ", ");
}

System.out.print(num[count - 1]);
}

```

}Output:

The screenshot shows a Windows Command Prompt window with the following text:

```

C:\Users\aadir>cd html
C:\Users\aadir\html>javac SortArray.java
C:\Users\aadir\html>java SortArray
Enter number of elements you want in the array: 5
Enter array elements:
12
54
88
99
80
Array Elements in Ascending Order: 9, 12, 54, 80, 88
C:\Users\aadir\html>

```

The background of the Command Prompt window shows a file explorer view of the 'html' directory, listing files like '433 MethodOverloading.iml', 'Music', 'OneDrive', 'Oracle', 'player', 'Saved Games', 'Searches', 'SpeedConverter', 'speedconverter', 'src', 'untitled', 'untitled1', and 'Videos'. It also shows file statistics: 3 File(s), 74,176 bytes, and 37 Dir(s), 380,281,815,040 bytes free.