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:

```java
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])
```

```java
            {
                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: