



practice1.java



Saved

```
1 import java.util.Scanner;
2 import java.util.Arrays;
3 public class FourthSmallest {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         System.out.println("A.Praveen\n51834643\n1st");
7         System.out.print("Enter the size of array:");
8         int size = sc.nextInt();
9         int arr[] = new int[size];
10        System.out.println("Enter all the elements:");
11        for (int i = 0; i < size; i++) {
12            arr[i] = sc.nextInt();
13        }
14        Arrays.sort(arr);
15        System.out.println("Fourth smallest element");
16    }
17 }
```

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1st Question

Enter the size of array:6

Enter all the elements:

23

4

12

56

73

26

Fourth smallest element is: 26

Process finished.

|



```
1  abstract class Laptop {
2  abstract public void ram();
3  abstract public void processor();
4  abstract public void color();
5  abstract public void cost();
6  }
7  class Lenovo extends Laptop {
8      public void ram() {
9          System.out.println("64 GB");
10     }
11     public void processor() {
12         System.out.println("Intel i5");
13     }
14     public void color() {
15         System.out.println("Black");
16     }
17     public void cost() {
18         System.out.println("40000/-");
19     }
20     public static void main(String args[]) {
21         System.out.println("A.Praveen\n51834643\n3rd Qu");
22         Lenovo obj = new Lenovo();
23         obj.ram();
24         obj.processor();
25         obj.color();
26         obj.cost();
27     }
28 }
```



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3rd Question
64 GB
Intel i5
Black
40000/-

Process finished.

|



```
1 import java.util.Scanner;
2 public class ReverseString {
3     public static void reverse(String str) {
4         String[] words = str.split("\\s+");
5         String reversedString = "";
6         for (int i = 0; i < words.length; i++) {
7             String word = words[i];
8             String reverseWord = "";
9             for (int j = word.length()-1; j >= 0; j--) {
10                 reverseWord = reverseWord + word.charAt(j);
11             }
12             reversedString = reversedString + reverseWord + " ";
13         }
14         System.out.println(reversedString);
15     }
16     public static void main(String[] args) {
17         System.out.println("A.Praveen\n51834643\n5th");
18         Scanner sc = new Scanner(System.in);
19         System.out.println("Enter a string: ");
20         String input= sc.nextLine();
21         System.out.println("output: ");
22         reverse(input);
23     }
24 }
```



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5th Question

Enter a string:

hello how r u

output:

olleh woh r u

Process finished.

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