

Test will be auto submitted in 180 minutes from the test start time

Programmi... 5

Q - 1

Report Error

Single File Programming Question

Marks : 10 Negative Marks : 0

Suppose you have a Piggie Bank with an initial amount of Rs. 50 and you have to add some more amount to it. Create a class 'AddAmount' with an instance variable named 'amount' with an initial value of Rs. 50. Now make two constructors of this class as follows:

- 1 - without any parameter - no amount will be added to the Piggie Bank
 - 2 - having a parameter which is the amount that will be added to Piggie Bank
- Create object of the 'AddAmount' class and display the final amount in Piggie Bank.

Hint: Read the amount to be added from the user through keyboard

Input format

Amount to be added

Output format

Initial value (using the default constructor)

50 + amount to be added (using the parameterized constructor)

Sample testcases

Input 1	Output 1
70	50
	120

```
1 import java.util.*;
2 class Mommo{
3     int amount=50;
4     Mommo(){
5         System.out.println(amount);
6     }
7     Mommo(int n){
8         System.out.print(amount+n);
9     }
10    public static void main(String[] args){
11        Scanner sc=new Scanner(System.in);
12        int a=sc.nextInt();
13        Mommo obj1=new Mommo();
14        Mommo obj2=new Mommo(a);
15    }
16 }
17 }
```

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Submit Code

Result

4/4 Testcases Passed

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Programmi... 5

Q - 2

Report Error

Single File Programming Question

Marks : 10 Negative Marks : 0

Create a class 'Student' with three data members which are name, age and address. The constructor of the class assigns default values name as 'unknown', age as '0' and address as 'not available'. It has two members with the same name 'setInfo'. First method has two parameters for name and age (setInfo(name,age)) and assigns the same whereas the second method takes has three parameters which are assigned to name, age and address (setInfo(name,age,address)) respectively. Ask the user to enter details of name and age of a student. Read a character ('Y' or 'N'). If the character is 'Y' then ask the user to enter the address of the student. Print the name, age and address of the student which are provided by the user. If the character is 'N' then print the name, age of the student which are provided by the user and print the address value as 'not available'.

Input format

First line represents the Name

Second line represents the age

Third line represents either Y (Yes if address is available) or N (if address is not available)

Fourth line represents the address

Output format

Name age address (if available)/ not available (if not available)

Sample testcases

Whitelist

Set 1: void setInfo int setInfo

Set 2: class Student

Fill your code here

Java (11)

```
1 // You are using Java
2 import java.util.*;
3 class Student{
4     Student(){
5     }
6     Student(String name ,int age){
7         System.out.print(name+" "+age+" not available");
8     }
9     Student(String name,int age,String address){
10        System.out.print(name+" "+age+" "+address);
11    }
12    int setInfo(String name,int age){
13        Student obj=new Student(name,age);
14        return 0;
15    }
16    void setInfo(String name,int age,String address){
17        Student obj=new Student(name,age,address);
18    }
19    public static void main(String[] args){
20        Scanner sc=new Scanner(System.in);
21        String name=sc.next();
22        int age=sc.nextInt();
23        String address="";
24        char ch=sc.next().charAt(0);
25        if(ch=='Y'){
26            address=sc.next();
27        }
28        Student obj=new Student(name,age,address);
29        obj.setInfo(name,age,address);
30    }
31 }
```

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Back

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Marks : 10 Negative Marks : 0

members which are name, age and assigns default values name as "unknown", ". It has two members with the same parameters for name and age same whereas the second method takes ed to name, age and address ely. Ask the user to enter details of name ('Y' or 'N'). If the character is 'Y' then ask dent. Print the name, age and address of user. If the character is 'N' then print the ived by the user and print the address

dress is available) or N (if address is not

```
10 Student(String name,int age,String address){
11     System.out.print(name+" "+age+" "+address);
12 }
13 int setInfo(String name,int age){
14     Student obj=new Student(name,age);
15     return 0;
16 }
17 void setInfo(String name,int age,String address){
18     Student obj=new Student(name,age,address);
19 }
20 public static void main(String[] args){
21     Scanner sc=new Scanner(System.in);
22     String name=sc.next();
23     int age=sc.nextInt();
24
25     char ch=sc.next().charAt(0);
26     Student obj1=new Student();
27     if(ch=='Y'){
28         String address =sc.next();
29         obj1.setInfo(name,age,address);
30     }
31     else{
32         obj1.setInfo(name,age);
33     }
34 }
35 }
```

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Q - 3

Report Error

Single File Programming Question

Marks : 10 Negative Marks : 0

Create a class named 'Programming'. While creating an object of the class, if nothing is passed to it, then the message "I love programming languages" should be printed. If some String is passed to it, then in place of "programming languages" the name of that String variable should be printed. (Read the string from the user through keyboard)

For example, while creating object if we pass "Java", then "I love Java" should be printed.

Input format

Any String

Output format

First line should be printed using the default constructor

Second line should be printed using the parameterized constructor with the string given by the user

Sample testcases

Input 1	Output 1
C	I love programming languages I love C

Note :

Fill your code here

Java (11)

```
1 import java.io.*;
2 class main{
3     main(){
4         System.out.println("I love programming languages");
5     }
6     main(String n){
7         System.out.println("I love "+n);
8     }
9     public static void main(String[] args) throws IOException{
10         BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
11         String s=br.readLine();
12         main obj1=new main();
13         main obj2=new main(s);
14     }
15 }
```

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Back

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Q - 4

Report Error

Single File Programming Question

Marks : 10 Negative Marks : 0

Create a class to print an integer and a character with two methods having the same name but different sequence of the integer and the character parameters. For example, if the parameters of the first method are of the form (int n, char c), then that of the second method will be of the form (char c, int n).

Input format

Integer value

Character

Output format

Integer Character (Printed by calling the first method)

Character Integer (Printed by calling the second method)

Sample testcases

Input 1	Output 1
100	100 A
A	A 100

Note :

The program will not be evaluated if "Submit Code" is not done atleast once

Extra spaces and new line characters in the program output will also result in the testcase failing

Fill your code here

Java (11)

```
1 // You are using Java
2 import java.util.*;
3 class Mommo{
4     Mommo(int n,char c){
5         System.out.println(n+" "+c);
6     }
7     Mommo(char c,int n){
8         System.out.println(c+" "+n);
9     }
10    public static void main(String[] args){
11        Scanner sc=new Scanner(System.in);
12        int n=sc.nextInt();
13        char c=sc.next().charAt(0);
14        Mommo obj1=new Mommo(n,c);
15        Mommo obj2=new Mommo(c,n);
16    }
17 }
```

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Compile & Run

Submit Code

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Back

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Programmi... 5

Q - 5

Report Error

Single File Programming Question

Marks : 10 Negative Marks : 0

Write a program to print the name of student by creating a Student class. If no name is passed while creating an object of Student class, then the name should be "Unknown", otherwise the name should be equal to the String value passed while creating object of Student class.

Hint: Read the name of student through keyboard from the user.

Input format

Name entered by the user

Output format

Name entered by the user

Unknown

Sample testcases

Input 1

Kohli

Output 1

Kohli

Unknown

Note :

The program will not be evaluated if "Submit Code" is not done atleast once

Extra spaces and new line characters in the program output will also result in the testcase failing

```
1 // You are using Java
2 import java.io.*;
3 class Student{
4     Student(String a){
5         System.out.println(a);
6     }
7     Student (){
8         System.out.println("Unknown");
9     }
10
11     public static void main(String[] args ) throws IOException{
12         BufferedReader b=new BufferedReader(new InputStreamReader(System.in) );
13         String n=b.readLine();
14         Student obj1=new Student(n);
15         Student obj2=new Student();
16     }
17 }
```

☐ Provide Custom Input

Clear

Compile & Run

Submit Code

Result

4/4 Testcases Passed

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