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# OOPM - PRACTICAL EXAM. YASH SARANG. D6AD / 47.

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<u>AIM</u>: Write a JAVA program for class Student, accept the name, roll no., marks of three subjects, calculate total, and display the complete information.

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## Program:

#### Main.java

```
oackage com.sarang;
public class Main {
     public static void main(String[] args) {
         Student s1 = new Student();
         Scanner sc = new Scanner(System.in); //Creating an object sc to take input from the user
         System.out.print("Enter your name : ");
         String a = sc.nextLine();
         System.out.print("Enter your Roll No. : ");
         int b = sc.nextInt();
         System.out.print("Enter marks obtained in three subjects : ");
         int a1 = sc.nextInt();
         int a3 = sc.nextInt();
         s1.InputInfo(a, b);
         s1.marks(a1, a2, a3);
         s1.total();
         s1.display();
```

#### Student.java

```
package com.sarang;
class Student
   String name;
   int subject2_marks;
   void InputInfo(String n, int r)
    void marks(int m1,int m2,int m3)
       subject1_marks = m1;
       subject3_marks = m3;
    void total() { total = subject1_marks + subject2_marks + subject3_marks; }
    void display()
        System.out.println("The information of the student is as follows:");
        System.out.println("Name : " + name);
        System.out.println("Roll No.: " + rollno);
        System.out.println("Marks in Subject 1: " + subject1_marks);
        System.out.println("Marks in Subject 2: " + subject2_marks);
        System.out.println("Marks in SUbject 3: " + subject3_marks);
       System.out.println("Total Marks : " + total + "/300");
```

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Theory: be have created a package called com. Sarlang in which we have created 2 · Udifferent classes. A main 9n which our execution take place and a class named Student in which we Store the data of the Student & create its object. In the student class, we have defined a String name and 5 integers rollno, marks, marks, marks, marks, and total to store the data of the We have also defined 4 methods, if Input Info - to initialize name & roll no, marks - to initialize marks of the Student, total - to calculate be store the total marks m) display - which displays us, all the from name, soll no to the total. In the main java file, we first impost the Scanner class from java util and basic modules from java lang.

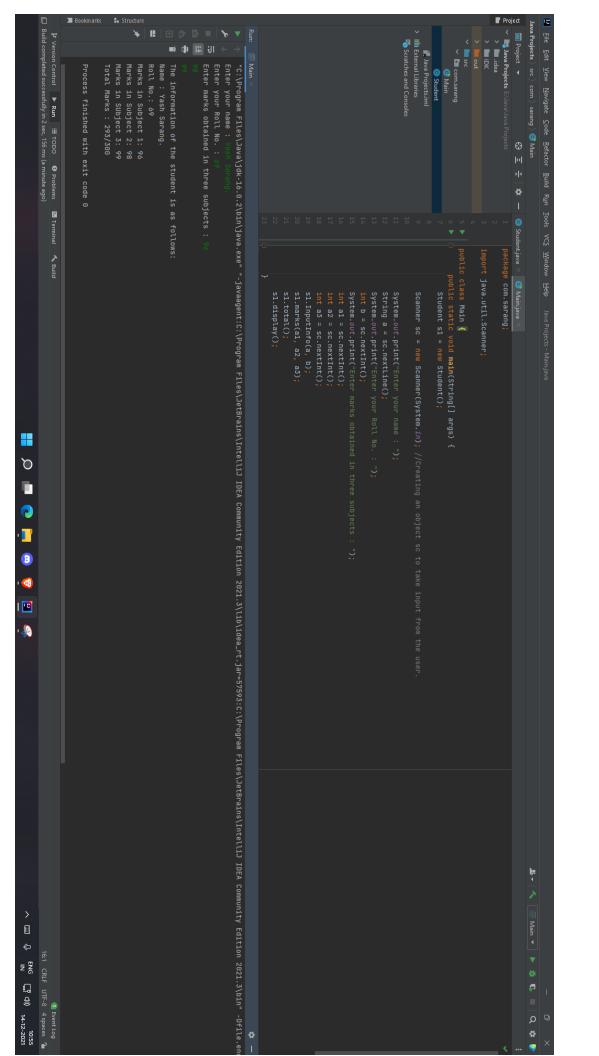
void main method in our Main class through which the execution of our coole starts. named se and then overte a new object of Student class named 31.

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methods from the Scanner class

we input the data of the Student. At last, we call Shout Into, student class to store and initialise the data of the student. We can then, display the data of our student object through in the command line through the display() method.

### **OUTPUT:**



```
Enter your name : Yash Sarang.
Enter your Roll No. : 69
Enter marks obtained in three subjects : 96
98
99
The information of the student is as follows:
Name : Yash Sarang.
Roll No.: 69
Marks in Subject 1: 96
Marks in Subject 2: 98
Marks in SUbject 3: 99
Total Marks : 293/300

Process finished with exit code 0
```

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