Problem Solving Question Taken from Internet :- (Nested-if else)

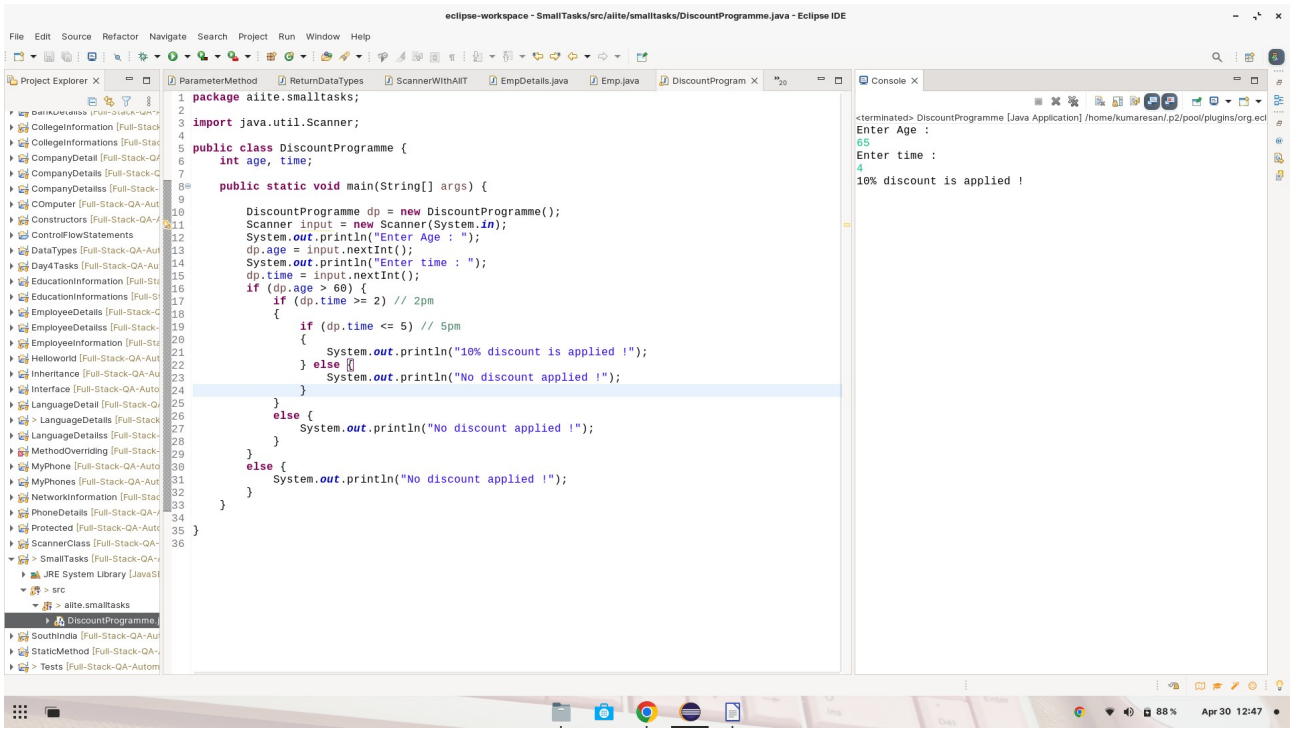
In this scenario,

CASE 1 : the if statement checks if the customer is over 60 years old. If so, it checks if the visit time is between 2 pm and 5 pm. If **both conditions are met**, a 10% discount is applied.

CASE 2 : If not, no discount is applied.

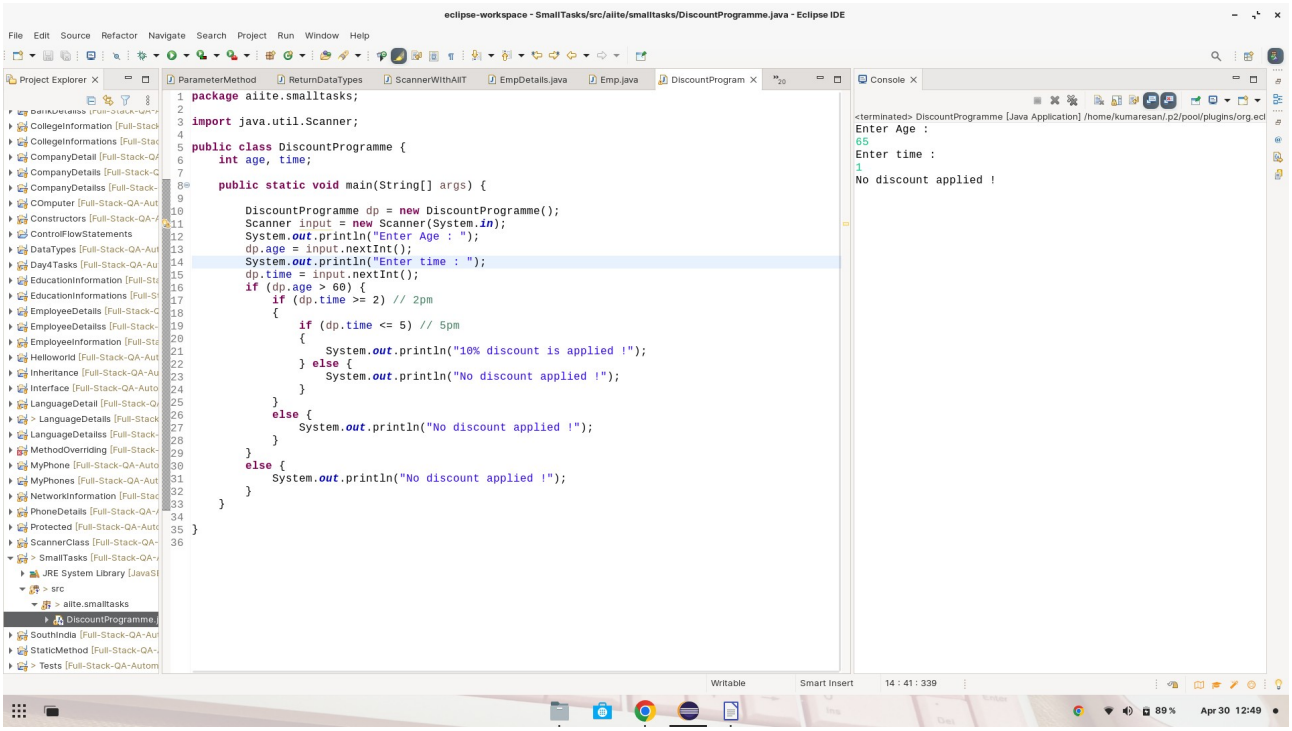
Solution :-

CASE 1 : (both conditions are true) -
* Age and Visiting time both are applied !

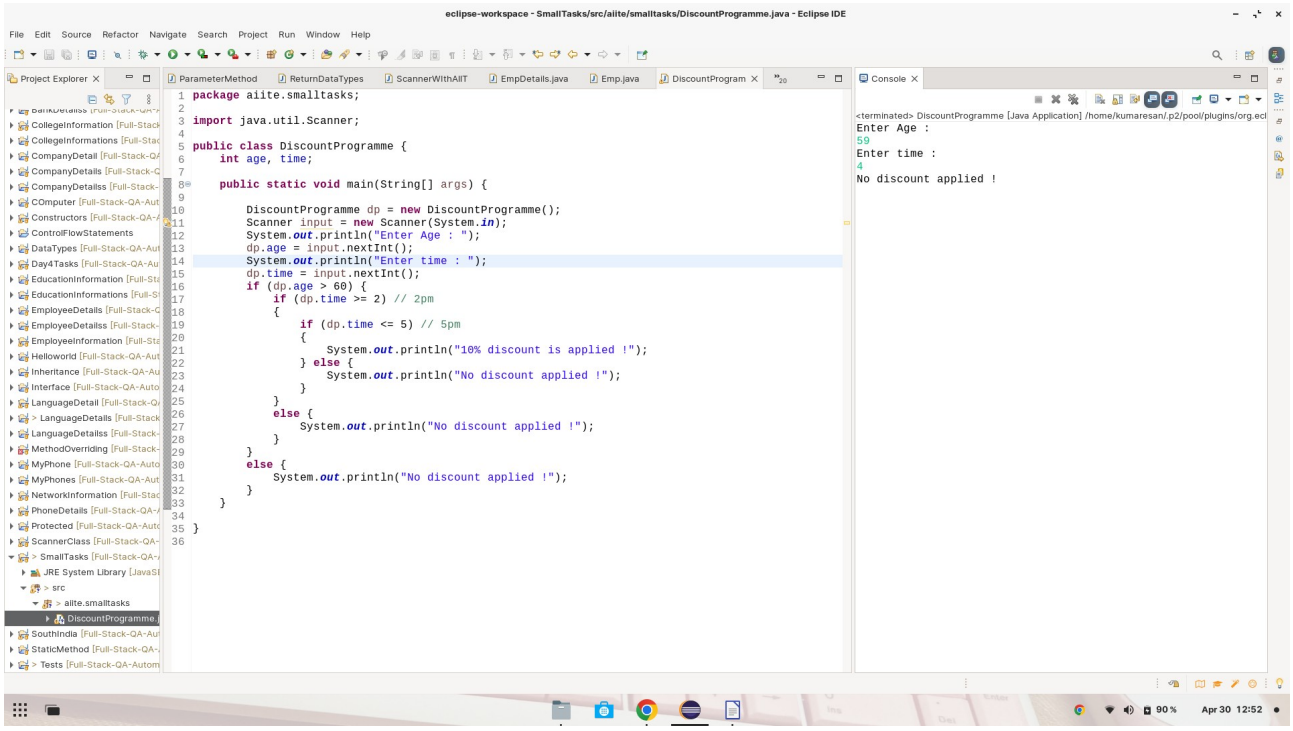


CASE 1 : (one condition true another false) -

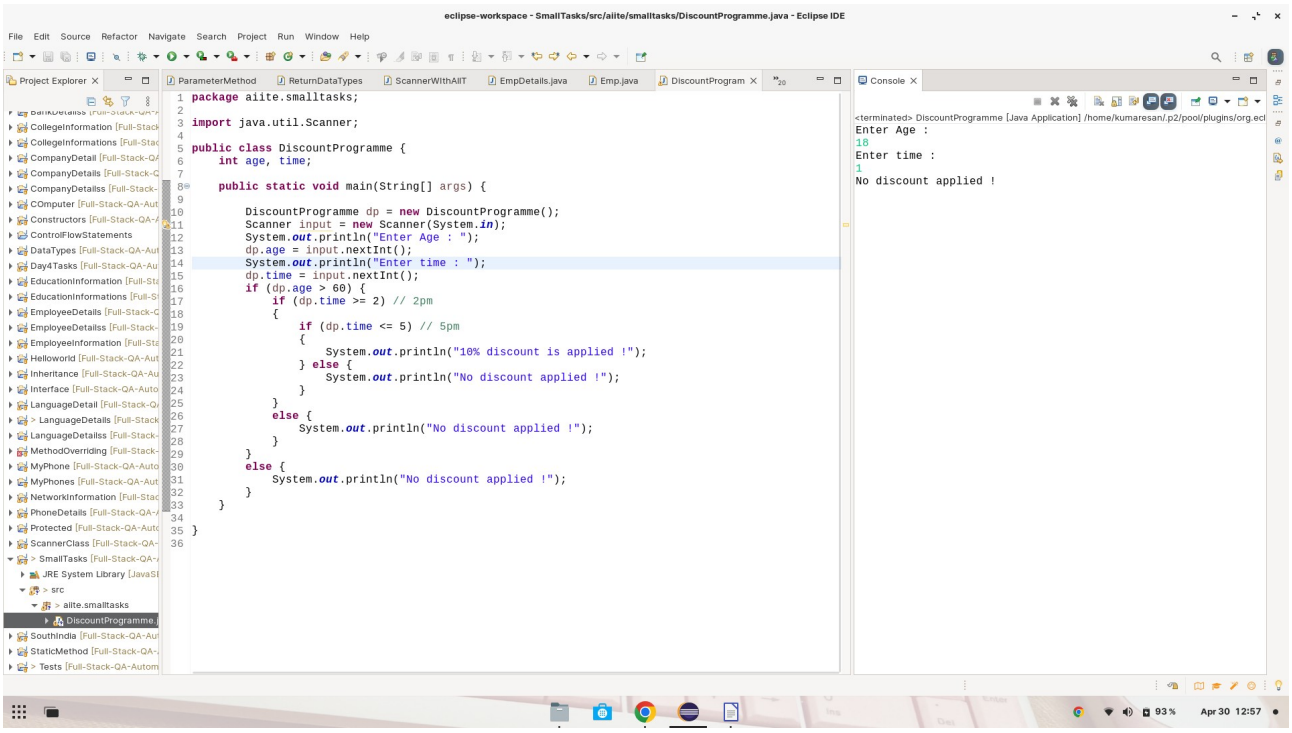
* Age applied but visiting time not !



* Visiting time applied and age is not !



CASE 2 : (both condition are false)
Age and visiting time both are not applied !




```java
package aiite.smalltasks;

import java.util.Scanner;

public class DiscountProgramme {
    int age, time;

    public static void main(String[] args) {

        DiscountProgramme dp = new DiscountProgramme();
        Scanner input = new Scanner(System.in);
        System.out.println("Enter Age : ");
        dp.age = input.nextInt();
        System.out.println("Enter time : ");
        dp.time = input.nextInt();
        if (dp.age > 60) {
            if (dp.time >= 2) // 2pm
            {
                if (dp.time <= 5) // 5pm
                {
                    System.out.println("10% discount is applied !");
                } else {
                    System.out.println("No discount applied !");
                }
            }
            else {
                System.out.println("No discount applied !");
            }
        }
        else {
            System.out.println("No discount applied !");
        }
    }

}
```