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

In this scenario,

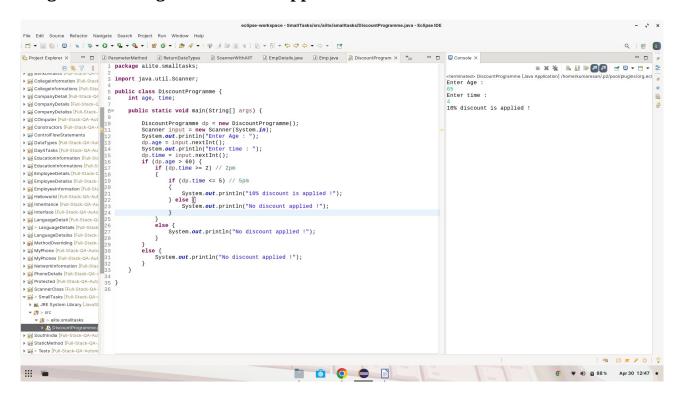
CASE 1: the if statement checks if the customer is over 60 years old. If so, it checks if the visit time is between 2 pm and 5 pm. If **both conditions are met**, a 10% discount is applied.

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!

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   | Ng Company Potalis [Full-Stack-C 7 8 | Ng Company Potalis [Full-Stack-C 8 8 | Ng Company Potalis [Full-Stack-C 8 8 | Ng Company Potalis Full-Stack-OA-4 9 | DiscountProgramme dp = new DiscountProgramme dp = ne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     No discount applied !
                                                                                                                                                                                                    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 >= 2) // 2pm
| Signature | Sig
    ▶ ₩ DataTypes [Full-Stack-QA-Au
                                                                                                                                                                                                                                               if (dp.time <= 5) // 5pm
{</pre>
                                                                                                                                                                                                                                              {
    System.out.println("10% discount is applied !");
} else {
                                                                                                                                                                                                                                                                             se {
System.out.println("No discount applied !");
                                                                                                                                                                                                                                               }
                                                                                                                                                                                                                                                    System.out.println("No discount applied !");
                                                                                                                                                                                                                          }
                                                                                                                                                                                                       } else {
                                                                                                                                                                                                                                System.out.println("No discount applied !");
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ø □ ≠ × ○ ♀
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* Visiting time applied and age is not!

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                                                                                                                                                                                                                                                                                                                                                                                                                  - -
                                                             package aiite.smalltasks;
E & 7 8
                                                                                                                                                                                                                                                                                                                                                    ■ × ¾ № № № ₽₽ → □ → 3
                                                        import java.util.Scanner;
 Enter time :
                                                                                                                                                                                                                                                                                         No discount applied !
                                                           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
    }
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                                                                                               if (dp.time <= 5) // 5pm
{</pre>
                                                                                                System.out.println("10% discount is applied !");
} else {
                                                                                                         ise {
  System.out.println("No discount applied !");
                                                                                       }
else {
    System.out.println("No discount applied !");
}
                                                                               }
else {
    System.out.println("No discount applied !");
 Protected [Full-Stack-QA-Auto 35 }

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

