

LAB_ANP_C6339_CLASSES_ StudenID:AF0339439

Assignment 1:

Write a program which calculates the monthly bill amount for a internet subscriber based on the following logic: 1) If the total data consumed is less than 10 GB then bill amount will be Rs. 300. (Basic charge) 2) If the data consumed is between 10 GB and 30 GB then billamount will be basic charge + 5* (Total GB consumed - 10). That means consumers will be charged Rs 5 for each additional GB consumed over 10 GB. 3) If the consumer consumes more than 30 GB then The bill amount = 400 + 3 *(Total GB consumed - 30). That means the consumer has to pay additional Rs 3 for each GB above 30GB. Use if-else block to solve the problem.

Program:

```
package javaprograms;

import java.util.Scanner;

public class Internetbill {

    public static void main(String[] args) {

        int data,amount;

        System.out.println("enter the how much data is used"); //enter how much data is used
        Scanner sc = new Scanner(System.in); //input object from user
        data=sc.nextInt();

        if (data<10) //if 10GB data is used the amount will be 300
        {
            System.out.println("Bill amount be =" +300);
        }
        else if ( data>10 & data<30 ) //between 10GB and 30GB data is used the amount
will be 300+ 5 *(data-10)
        {
            amount= 300+ 5 *(data-10);

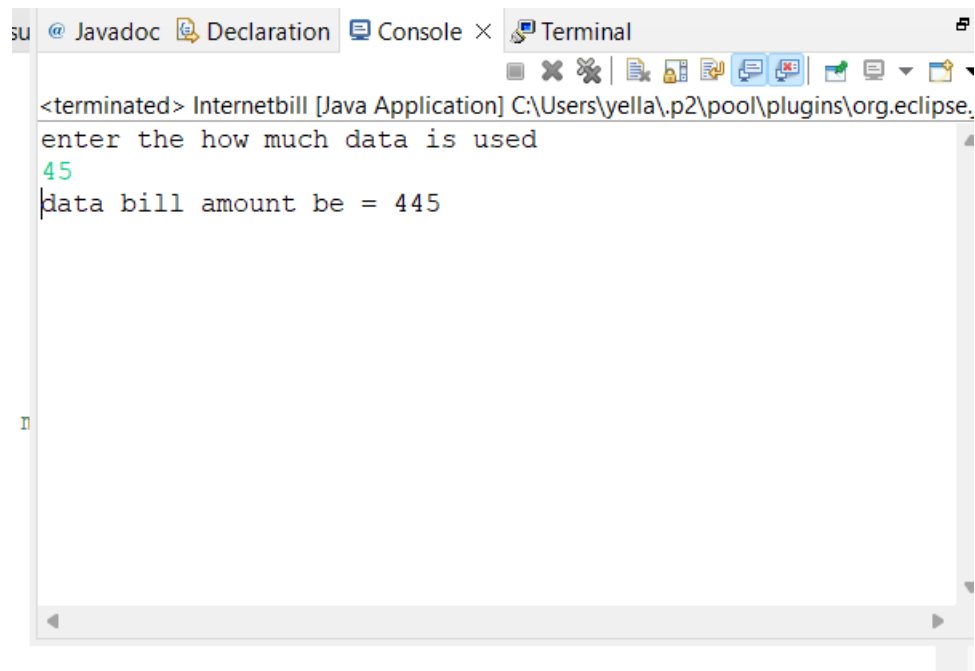
            System.out.println("bill amount is = " +amount);
        }
        else if (data>30) /* If the consumer consumes more than 30 GB then
The bill amount = 400 + 3 *(Total GB consumed - 30).*/
        {
```

```
amount = 400+3*(data-30);  
System.out.println("data bill amount be = "+amount);  
}
```

```
}
```

```
}
```

Output:



The screenshot shows the Eclipse IDE interface with the 'Terminal' tab selected. The terminal output displays the execution of a Java application named 'Internetbill'. The prompt 'enter the how much data is used' is followed by the user input '45'. The program then outputs 'data bill amount be = 445'.

```
<terminated> Internetbill [Java Application] C:\Users\yella\.p2\pool\plugins\org.eclipse.  
enter the how much data is used  
45  
data bill amount be = 445
```