

Lab-1:

1. After a long time of Covid-19 outbreak, finally you are into your B. Tech Second year, your programming faculty wants you to introduce yourself to the class with your name, last five digits of your ID Number, Gender, Department/Branch, Intermediate C.G.P.A., As you are a java aspirant, you want to write a JAVA program which takes input and displays all the details asked by your faculty.(Read input from Console using Scanner Class).

S.NO	Input	Output
1.	HITESH DASARI 2050150566 M CSE 9.80	Name = HITESH DASARI ID Num = 50566 Gender = M Department = CSE C.G.P.A = 9.80

2. Suppose you went to a hotel. You ordered your meal and ate it. Now it's time to pay the bill for what you ate. There is a bill in front of you in which they mentioned the meal price (base cost of a meal), tip percentage (the percentage of the meal price being added as tip), and tax percentage (the percentage of the meal price being added as tax) for a meal. You need to calculate the final price using a Java program. (Read input from Console using Scanner Class).
3. One of my friend's murali got a job offer in Kashmir and he is estimating the climate there when packing his luggage. Based on the climate he needs to pack the specific clothing accordingly for the conditions given below. Read temperature in centigrade and display a suitable message according to temperature state below:
 - Temp < 0 then Freezing weather
 - Temp 0-10 then Very Cold weather
 - Temp 11-20 then Cold weather
 - Temp 21-30 then Normal in Temp
 - Temp 31-40 then It's Hot
 - Temp >40 then It's Very HotHelp him to identify the climatic conditions. Now your task is to read the temperature from console using Scanner class and give him the climatic conditions.
4. Chris and Dolly were discussing about their monthly bills to be paid in the due time and identified that they are pending in paying the electrical bill and Dolly asks for the electrical bill details. Here are the details given by Chris for the payment of bill. Generate electricity bill based on numbers of units consumed
 - if units are <=50 then rate per unit is 2RS.
 - if units are >= 51 and <= 100 then rate per unit is 3RS.
 - If units are >= 101 and <= 300 then rate per unit is 5 Rs and add extra 100Rs to the total bill.
 - If units are >=301 and <= 450 then rate per unit is 6RS and add extra 200 RS to the total bill.
 - if units are >450 then per unit is 8RS and add extra 250 RS to the total bill.Now your task is to calculate the amount to be pay.(Read units input from Console using Scanner Class).