

LAB # 5 (IF-ELSE STATEMENTS)

Q1)

A shop gives a discount of 10% on the total purchase to its customers if a customer purchase for more than Rs. 2000. Write a program to calculate and print the discounted purchase amount. Ask a customer to enter the total purchase value and display whether the discount is applicable or not. The program should also display the total amount after discount.

Sample Output 1:

Please enter your total purchase value: 10000
Discount is applicable
The total purchase value after discount is: 9000

Sample Output 2:

Please enter your total purchase value: 1500
Discount is not applicable on amount less than 2000
The total purchase value after discount is: 1500

Q2)

Write a program to 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 10-20 then Cold weather
Temp 20-30 then Normal in Temp
Temp 30-40 then Its Hot
Temp >=40 then Its Very Hot

Sample Output 1:

Enter temperature in centigrade: 42 Its very hot

Sample Output 2:

Enter temperature in centigrade: 11 Cold weather

Q3)

Write a program that reads 3 integers and print them in descending order.

Sample Output 1:

Enter three numbers: 3 0 7
Descending order: 7 3 0

Sample Output 2:

Enter three numbers: 5 -1 9
Descending order: 9 5 -1

Q4)

Write a program that stores your second name in character form. Now add the ASCII values of those characters and check whether the result is even or odd. Print even if the sum of ASCII values of your name is even and print odd if it is odd.

For example, if the last name is Asma. The corresponding ASCII values will be $65 + 115 + 109 + 97 = 386$

Sample Output 1:

Last Name: Asma

Sum= 386

The ASCII sum of Asma is Even.