If else test

//1. Write a C program to accept two integers and check whether they are equal or not.

#include<stdio.h>

int main()

{

int num1,num2;

printf("enter 2 no");

scanf("%d%d",&num1,&num2);

if(num1-num2==0){

printf("\n integers are equal");

}

else if(num1-num2!=0){

printf("\n integers are not equal");

}

2- Write a C program to check whether a given number is even or odd.

#include<stdio.h>

int main()

{

int num;

num=5;

if(num%2==0)

{

printf("\n ");

}

else if(num%2!=0)

{

printf("\n given number is an odd number");

}

}

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3- Write a C program to check whether a given number is positive or negative

int main()

{

int num=-4;

if(num<0)

{

printf("\n given number is negative");

}

else if(num>0)

{

printf("\n given number is positive");

}

}

}

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4- Write a C program to find whether a given year is a leap year or not.

5- Write a C program to read the age of a candidate and determine whether it is eligible for casting his/her own vote

6-Write a C program to find the largest of three numbers

7-Write a C program to find the eligibility of admission for a professional course based on the following criteria: Go to the editor

Eligibility Criteria : Marks in Maths >=65 and Marks in Phy >=55 and Marks in Chem>=50 and Total in all three subject >=190 or Total in Maths and Physics >=140 -------------------------------------

Input the marks obtained in Physics :65 Input the marks obtained in Chemistry :51 Input the marks obtained in Mathematics :72 Total marks of Maths, Physics and Chemistry : 188 Total marks of Maths and Physics : 137 The candidate is not eligible.

Expected Output :

The candidate is not eligible for admission.

8 -Write a C program to read roll no, name and marks of three subjects and calculate the total, percentage and division.

9 -Write a C 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 11-20 then Cold weather

Temp 21-30 then Normal in Temp

Temp 31-40 then Its Hot

Temp >=40 then Its Very Hot

Test Data :

42

Expected Output :

Its very hot.

10 -Write a program in C to calculate and print the Electricity bill of a given customer. The customer id., name and unit consumed by the user should be taken from the keyboard and display the total amount to pay to the customer. The charge are as follow : Go to the editor

Unit Charge/unit

upto 199 @1.20

200 and above but less than 400 @1.50

400 and above but less than 600 @1.80

600 and above @2.00

If bill exceeds Rs. 400 then a surcharge of 15% will be charged and the minimum bill should be of Rs. 100/-

Test Data :

1001

James

800

Expected Output :

Customer IDNO :1001

Customer Name :James

unit Consumed :800

Amount Charges @Rs. 2.00 per unit : 1600.00

Surchage Amount : 240.00

Net Amount Paid By the Customer : 1840.00