Logical Building & Problem Solving

Assignment - 4(Date:13/09/2023)

1.Write a C program to accept two integers and check whether they are equal or not.
Test Data : 15 15
Expected Output :
Number1 and Number2 are equal

2**.**Write a C program to check whether a given number is even or odd.
Test Data : 15
Expected Output :
15 is an odd integer

3.Write a C program to check whether a given number is positive or negative.
Test Data : 15
Expected Output :
15 is a positive number

4.Write a C program to read the age of a candidate and determine whether he is eligible to cast his/her own vote.
Test Data : 21
Expected Output :
Congratulation! You are eligible for casting your vote.

5.Write a C program to find the largest of three numbers.
Test Data : 12 25 52
Expected Output :
1st Number = 12,   2nd Number = 25,   3rd Number = 52
The 3rd Number is the greatest among three

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

Test Data :
Input the Roll Number of the student :784
Input the Name of the Student :James
Input the marks of Physics, Chemistry and Computer Application : 70 80
90
Expected Output :
Roll No : 784
Name of Student : James
Marks in Physics : 70
Marks in Chemistry : 80
Marks in Computer Application : 90
Total Marks = 240
Percentage = 80.00
Division = First

7.Write a C program to check whether a triangle is Equilateral, Isosceles
or Scalene.
Test Data :
50 50 60
Expected Output :
This is an isosceles triangle.

8.Write a program in C to read any digit and display it in the word.
Test Data : 4
Expected Output :
Four

9.Write a C program for reading any Month Number and displaying the
Month name as a word.
Test Data : 4
Expected Output :
April

10.Write a program in C which is a Menu-Driven Program to perform a
simple calculation.
Test Data :
10
2
3

Expected Output :
The Multiplication of 10 and 2 is: 20