

## Lab # 5

### (If-else Statement)

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#### Task1

- Prompt the user to enter three integers.
- State whether these three integers can be the sides of a right angled triangle.

#### Task 2

- Write a program that asks a user to enter his/her age and prints whether the user is a kid, teenager or an adult using if-else statement.

Age 0-12 = Kid

Age 13-18 = Teenage

Age >18 = Adult

#### Task 3

- Develop a basic calculator using if-else statement which is capable of performing addition, subtraction, multiplication and division.

Hint 1: Ask the user to enter two numbers and the type of arithmetic operation to be performed.

Hint 2: Use char data type for the variable handling the operation type.

#### Task 4

- Take 5 integers from the user.
- Find out the maximum and the minimum number of the five and print them on the screen.

#### Task 5

- Write a C program to accept a coordinate point in a XY coordinate system and determine in which quadrant the coordinate point lies