**Condition Program**

1. Write a program to take two integer values from the user and print greatest among them.
2. Write a program to take values of length and width from the user and check if it is square or rectangle.
3. Write a program to take any number from the user and check if the number is even or odd.
4. Write a program to take Age from user and check he/she is eligible for voting or not.
5. Write a program to check if the entered alphabet is vowel or consonant.
6. Write a program to check number is positive, negative or zero.
7. Write a program to check whether a character is alphabet, digit or special character.
8. Write a program to accept two integers and check whether they are equal or not.
9. Write a program that a shopkeeper will give a discount of 10% if the cost of the purchased quantity is more than 1000. Ask user for quantity Suppose, one unit will cost 100. Judge and print total cost for the user.
10. Write a program that a company decided to give a bonus of 5% to an employee if his/her year of service is more than 5 years. Ask users for their salary and year of service and print the net bonus amount.
11. Write a program that a school has following rules for grading system: Take 5 subject marks from used and calculate it’s average
    1. Below 25 - F
    2. 25 to 45 - E
    3. 45 to 50 - D
    4. 50 to 60 - C
    5. 60 to 80 - B
    6. Above 80 - A

Ask users to enter marks and print the corresponding grade.

1. Write a program to Take input of the age of 3 people by user and determine oldest and youngest among them.
2. Write a program that a student will not be allowed to sit in an exam if his/her attendance is less than 75%.Take following input from user.
   1. Number of classes held.
   2. Number of classes attended.
   3. And print percentage of class attended.
   4. Is the student allowed to sit in the exam or not.

Modify the above question to allow a student to sit if he/she has a medical cause. Ask the user if he/she has a medical cause or not ( 'Y' or 'N' ) and print accordingly.

1. If x = 2, y = 5, z = 0 then find values of the following expressions.
   1. x == 2
   2. x != 5
   3. x != 5 && y >= 5
   4. z != 0 || x == 2
   5. !(y < 10)
2. Write a program to check whether an entered character is lowercase ( a to z ) or uppercase ( A to Z ).
3. Write a program to check if a year is leap year or not.If a year is divisible by 4 then it is leap year but if the year is century year like 2000, 1900, 2100 then it must be divisible by 400.
4. Write a program to Ask user to enter age, gender ( M or F ),( Y or N ) and then using following rules print their place of service.
   1. if employee is female, then she will work only in urban areas.
   2. if employee is a male and age is in between 20 to 40 then he may work in anywhere.
   3. if employee is male and age is in between 40 to 60 then he will work in urban areas only.
   4. And any other input of age should print "ERROR".
5. Write a program if the entered alphabet is in Uppercase then convert it into Lowercase and if the entered alphabet is in Lowercase then convert it into Uppercase.
6. Write a program to Find Number is even or odd using ternary Operator.
7. Write a program to find max Number from three Number using ternary Operator.