

# Assignment : L3

**If-Else**

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**Ques** : Take 2 integers input and print the greatest of them.

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**Ques :** Given the radius of the circle predict whether numerically area of this circle is larger than the circumference or not.

**Ques** : Any year is input through the keyboard.  
Write a program to determine whether the year is a leap year or not. (Considering leap year occurs after every 4 years)

**Ques** : Given the length and breadth of a rectangle, write a program to find whether numerically the area of the rectangle is greater than its perimeter.

**Ques :** Write a program to input sides of a triangle and check whether a triangle is equilateral, scalene or isosceles triangle.

**Ques** : If the marks of A, B and C are input through the keyboard, write a program to determine the student scoring least marks.

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**Ques** : Given a point  $(x, y)$ , write a program to find out if it lies on the x-axis, y-axis or at the origin, viz.  $(0, 0)$ .



**Ques** : Given three points  $(x_1, y_1)$ ,  $(x_2, y_2)$  and  $(x_3, y_3)$ , write a program to check if all the three points fall on one straight line.

**Ques :** Write a C++ program to input any character and check whether it is the alphabet, digit or special character.

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# Predict the output

```
int main() {
    int a = 500, b, c ;
    if ( a ≥ 400 )
        b = 300 ;
        c = 200 ;
        cout << "value of b and c are respectively "
        <<b<<" and " << c ;
    return 0;
}
```

# THANK YOU

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