

# MAT 115E Introduction to Programming Language

## Lab-5 / CRN : 21132

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### 1 Question 1

Write a C Function called TriangleType that takes the side lengths of a triangle and classifies it as scalene, equilateral, isosceles and prints the result on the screen.

**Testing Data:**

- TriangleType(2, 5, 6) → scalene triangle
- TriangleType(5, 5, 5) → equilateral triangle
- TriangleType(2, 5, 5) → isosceles triangle
- TriangleType(4, 6, 4) → isosceles triangle

### 2 Question 2

For each integer number  $n$ :

- i.) If  $4 \leq n \leq 6$  then the program should print the word that corresponds to the numeral, like "Four" for the number 4.
- ii.) If not in this range and even, print "Even".
- iii.) If not in this range and odd, print "Odd".

Write a C function that takes such a number  $n$  as a parameter and accomplishes the above statements by using switch-case structure.

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**Input:** Let  $n$  be 5.

**Output:**

Five

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**Input:** Let  $n$  be 3.

**Output:**

Odd

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