

# Lab Assignment 9

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**Due date: Wednesday, September 5, 23:59:59**

The purpose of the assignment is to give you practice the concept of the lesson 9, the IF statement.

The exercises are divided into three categories: easy, medium and hard.

1. Write a program that determines if a number is even or odd. (Easy)
2. Write a program that generates a table of prime numbers. (Medium)
3. Write a program that calculates and prints the product of the odd integers from 1 to upperbound. (Medium)
4. Write the program that determines whether the number entered by the user is a palindrome. (Medium-Hard) (Optional)
5. Write the program that reads three numbers from the user input and determines whether the number could represent the sides of triangle. (Medium-Hard) (Optional)

## Marking

These are the aspects of your work on which we will focus in the marking:

- **Correctness:** All of the requirements have been met. Correctness will count for the largest single portion of your marks.
- **Coding Style:** Your C code should be as simple and clear as possible.

## Submission instructions

- Submit all assignments in .c files in one ZIP project folder.
- Add the section number in the first line.
- Before each exercise, write the lesson and exercise number.
- Read and follow instructions of the assignment carefully.