

# COEN 244

## Tutorial 1

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## Exercise 1

Write a program that asks the user to input a number and then calculates the square of that number.

## Exercise 2

Write a program that asks the user to input a number and then calculates the square of that number; using Functions and function call.

## Exercise 3

Write a program that calculates the sum of numbers from 1 to 100 using loops.

## Exercise 4

Write a program that reads a string, then search for the vowel characters in that string and print them.

# Check a vowel

```
bool isVowel(char ch) {  
    if ((ch == 'A') || (ch == 'E') || (ch == 'I') || (ch == 'O') || (ch == 'U')  
        || (ch == 'a') || (ch == 'e') || (ch == 'i') || (ch == 'o') || (ch == 'u'))  
        return true;  
    else  
        return false;  
}
```