

COE 351: OBJECT-ORIENTED PROGRAMMING

LAB ACTIVITY 1

INTRODUCTION

It is advised that you try out this lab manual before the lab session. You'll need the following for this lab activity:

1. A laptop with code blocks installed. In case you don't have it, visit [Code::Blocks - Code::Blocks](#) to install it.
If you need help with the installation, you can use the link below as a guide:
<https://www.youtube.com/watch?v=GWJqsmiR2I&t=5s>
2. Basic knowledge of C++.

PRACTICE

1. Type out and run a single hello world code.
2. In your editor, properly declare the following (feel free to name the variables with any identifier you want):
 - a. 17785
 - b. Welcome to this class!
 - c. -56.1427
 - d. 5262778y
 - e. (Three integers on one line, all equal to 5)
 - f. True
 - g. (A string array with a 10-character limit)
3. Write a short program that asks the user for their age and responds with the year the user was born in (The input must be received on the next line).
4. Implement the following:

- a. Initialize an integer array called "Marks" without a limit and with the following values: 67, 71, 54, 43, 82, 90.
- b. Change the third value to 75.
- c. Pass the fifth value to a variable called "AppliedElectricity".