Faculty of Engineering, University of Jaffna

Department of Computer Engineering

EC2010: Computer Programming

Lab 01: Program Structure

Group:

Lecturer: Dr, J. Jananie

Instructors:

1. First, create a CPPproject and name it Lab01-RegNo, replacing the term RegNo with your University-issued RegNo.
2. Starting at the topmost line of the file, insert the following minimally required documentation, filling in your name, ULID, the assignment number, due date and a brief description of what the program will do. You must select one of the two forms of certification of Authenticity. Submissions not including a certification of authenticity will not be graded.

// Your Name

// Your RegNo

// EC2010

//Group: [Insert the number]

// Lab: [Insert the number]

// Program Description: [insert brief description here]

// Certificate of Authenticity: (choose one from below)

// I certify that the code in the method function main of this project

// is entirely my own work.

(or)

// I certify that the code in method function main of this project is

// entirely my own work, but I received assistance from [insert name/book/lectureslides].

// Follow this with a description of the type of assistance.

3. In the main method,
   a. Write the c++ code that reads from the user, the number of sports Balls items he/she has in the basket. The following table describes the weights of some Sports Ball items. Assume the basket contains Items that are only from this list.

Items	Weight per item (g)
General Ball	150
Foot Ball	500
Volley Ball	600
Rugby Ball	800

   b. Continue your implementation to calculate the total weight of the user's basket in kilograms.

4. Your output should be in the following format.

   Please provide your name

   Azzzz Bzzzz

   How many General balls do you have?

   2

   How many Foot Balls do you have?

   5

   How many Volley Balls do you have?

   0

   How many Rugby Balls do you have?

   2

   Your basket's weight is 4.4kg

5. Test your program for two different inputs and paste the outputs (console) into a Word/PDF file named "lab01_Regno_Output".

-*Any plagiarized work will be given 0 marks*-

Create a zip file named LAB01_20YYEXXX (20YYEXXX – Your Registration Number). It should include CPP project "Lab01-RegNo" folder, "lab01_Regno_Output" file, and "Output_Regno" file.

Submit the zip file LAB01_20YYEXXX before the given deadline via teams in the assignment "Lab01-GroupNo".

Recheck: The zip file should contain all ".cpp" code files and your lab output files.