

## (CL1002) Programming Fundamentals Lab

### Lab 5 Task:

- Before doing the task, I recommend you all to go through the lab manual. It will make it easy for you all to understand this.
- Copied task will be awarded **zero** marks.
- Upload only a MS word file including all tasks source code and its output (screen shot).
- Note that these lab task marks could be graded through a quiz (viva) in class.
- Use the following format for naming the word file Rollno\_name (P21-1234\_zain).

1. Write a function that takes quantity in pounds and convert it into gram and kilogram  
Reflect the concept of **required argument**

1 Pound = 453.59237 Grams

1 Pound = 0.454 kilograms

Your program should work as shown below.

### Output:

```
Enter the pound you want to convert it to kilogram and gram 5
The amount of pound you entered is 5 pound
Gram = 2267.96185
Kilo Gram = 2.27
```

2. Write a function that takes two numbers and perform all arithmetic operations.  
Function should have **default arguments set to 1, 1**
  - Addition
  - Subtraction
  - Division
  - Multiplication

3. Write a function that takes seconds from the user and displays the time in Hours, minutes and seconds' format. E.g. if the user enters 3700, the output of the program should be  
1 Hour 1 minute and 40 seconds.