**Tutorial 1**

1. Write a program that allow user to enter the particulars of a student and store them into variables. Then, display the output as follows.

```
***Welcome to the Department of Electrical Engineering***
Student ID: KIE170001
Name: Amin Ali
Date of Birth: 17/01/1997
Height(cm): 174
Weight(kg): 80
*** End ***
```

2. Write a program that prints a box, an oval, an arrow and a diamond in the same line as below. Try to use single, double and triple quotes in quoting below lines. In this question, which type of quote you prefer to use?

```
*********        ***            *              *
*       *      *     *         ***            *  *
*       *     *       *       *****          *    *
*       *     *       *         *           *      *
*       *     *       *         *          *        *
*       *     *       *         *           *      *
*       *     *       *         *            *    *
*       *      *     *          *             *  *
*********        ***            *              *
```

3. Write a program that allow user to calculate area for a chosen shape. An example of execution of such program is as below.

```
Area Calculator for Basic Shapes
===============================

    1. Square
    2. Rectangle
    3. Triangle
    4. Circle

Choose a shape [1-4] that you want calculate its area : 2

Enter length : 4
Enter base   : 2

Area of rectangle is 8.0
```