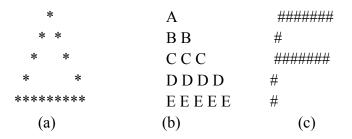# CSC 107 2.0 Introduction to Computer Programming
Lab sheet 02

1. Write a C program to print your name, date of birth and mobile number using the ESCAPE sequences (\t) & (\n) as given format below.

```
Name          : John
Date of Birth : 2000.2.12
Mobile number : 0792426882
```

2. Write a C program to print a block using star (*) or hash (#).

```
      *              A              #######
     * *             B B            #
    *   *            C C C          #######
   *     *           D D D D        #
  *********          E E E E E      #
     (a)               (b)              (c)
```

3. Design a C program to print the following robot.

```
   0
  / | \
   |
  / \
```

4. Write a C program to print the following bill header.

```
#######################
      Easy mart
  No 03, Maharagama Road
      Maharagama
    T.P. 011 7854236
#######################
```

5. Write a C program to print the following movie ticket options.

```
              Welcome to Movie Magic
    ----------------------------------------------
    | Ticket Type:      | Standard Ticket        |
    |                   | Premium Ticket         |
    |                   | VIP Ticket             |
    |---------------------------------------------|
    | 3D Glasses:       | None                   |
    |                   | Standard 3D Glasses    |
    |                   | Premium 3D Glasses     |
    |---------------------------------------------|
    | Refreshments:     | Popcorn                |
    |                   | Soda                   |
    |                   | Candy                  |
    ----------------------------------------------
    **Note: Additional charges may apply for premium options.**
```

6. Design a C program to print the following bill format.

```
              HappyBite Restaurant
    ----------------------------------------------
    | Item              | Quantity | Price (LKR) | Amount (LKR) |
    |-----------------|----------|-------------|--------------|
    | Chicken Burger  |    2     |  LKR 250.00 | LKR 500.00   |
    | Veggie Pizza    |    1     | LKR 625.00  | LKR 625.00   |
    | Pasta           |    2     | LKR 400.00  | LKR 800.00   |
    | Salad           |    1     | LKR 225.00  | LKR 225.00   |
    |-----------------|----------|-------------|--------------|
    | Subtotal                              | LKR 2150.00 |
    | Tax (10%)                             | LKR 215.00  |
    |---------------------------------------------|
    | Total                                 | LKR 2365.00 |
    ----------------------------------------------
```

7. Write a C program to print simple text-based representation of your CV.

You are required to present your work to the instructors during the lab hours for evaluation and marking.