

Practical 1

ICT 107 1.0

1. Write a C program to print your name, date of birth. and mobile number.

Expected Output:

Name : Erandhi Perera
DOB : May 14, 2000
Mobile : 077-8854289

2. Write a C program to print the following lines:

You are 10 years old. You are too young to play the game.

3. Print the following asterisk pattern:

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

4. Print a F using hash (#), where the F has a height of seven characters and width of six and five characters. *Expected Output:*

```
#####  
#  
#  
#####  
#  
#  
#
```

5. Write a C program to print a big 'C'.

Expected Output:

```
#####
##    ##
#
#
#
#
#
##    ##
#####
```

6. Prints the following shapes with asterisks.

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

***
*   *
*   *
*   *
*   *
*   *
*   *
***

*
***
*****
*
*
*
*
*
*

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

7. Print your initials in block letters down the page. Construct each block letter out of the letter it represents as shown below.

```
PPPPPPPP
 P  P
 P  P
 P  P
 P  P

 JJ
 J
 J
 J
 JJJJJJJ

 DDDDDDDD
 D    D
 D    D
 D    D
 DDDD
```

8. Display the following checkerboard pattern with eight printf statements.

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

9. Compute the perimeter and area of a rectangle with a height of 7 inches. and width of 5 inches.
(Use functions)

10. Compute the perimeter and area of a circle with a radius of 6 inches.

11. Print the sum of numbers 2,5,6.

12. Print the difference of numbers 10 and 4.

13. Print the product of numbers 20 and 15.

14. Print 64/8