

## Practice 01 – Print Statements

**Task 01:** Print five lines about yourself.

**Task 02:** Write a program that shows following output on screen:

I am studying in "FCIT" and I am in 'first semester'

**Task 03:** Write a program that print the following pattern:

1  
23  
456  
7891

(using multiple printf() statements)

**Task 04:** Print the following table using printf() statements

NAME	SEMESTER	GPA
ALI	SECOND	3.50
AHMAD	THIRD	3.33
RIZWAN	FOURTH	3.87
SADIA	FIFTH	4.00

**Task 05:** Print the following story, inserting your appropriate info into the appropriate locations: There once was a person named "NAME" who lived in "CITY". At the age of AGE, 'NAME' went to college at "COLLEGE". 'NAME' graduated and went to work as a "PROFESSION". Then, 'NAME' adopted a(n) ANIMAL named "PETNAME." They both lived happily ever after!

Show correct punctuation as well, and Print each sentence on new line (Hint: Use escape sequences).

**Task 06:** Write a program in which you will practice on different escape sequence characters like \b , \\ , \r etc .

**Task 07:** Print the following star pattern

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

**Task 08:** Print a triangle using Asterisk \* like this: (You may change number of lines in triangle)

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

**Task 09:** Print the following star pattern

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

**Task 10:** Print a pattern like this:

```
|-----|
|  1    |
| 123   |
|12345  |
|1234567|
|123456789|
|1234567|
|12345  |
|123    |
|  1    |
|-----|
```

**Task 11:**

Draw a hollow box using stars with the help of printf statements.