

Practice Set-1: Applications Based On Input/Output Statements

1. Write an application in 'C' language to display the given strings on the standard output device in the given sequence and format: -

- (1.) "welcome to c\turboc"
- (2.) "Welcome To C\TurboC"
- (3.) "'C' is not a difficult language"
- (4.) "'C' is very interesting language"
- (5.) "I like 'C' very much!"

2. Write an application in 'C' language to display the ASCII values of the Characters given below: -

- (1.) All capital letters **A to Z**
- (2.) All small letters **a to z**
- (3.) All numeric symbols **0 to 9**
- (4.) All mathematical symbols like +, -, *, /, \ etc.
- (5.) Special keys like <Tab>, <Backspace>, <Enter>, <Esc> etc.

[Hint: Use %c and %d]

3. Write an application in 'C' language to accept an integer value from keyboard and multiply value of variable to size of variable and display result on the monitor with appropriate message.
4. Write an application in 'C' language to print series 1 to 5 as a following format:

1				
	2			
		3		
			4	
				5

5. Write an application program in 'C' language to reserve three memory locations named **empno**, **salary** and **itax** having values **8801**, **12000.00**, and **347.82** respectively. Also display the same on the standard output device in the following sequence and format: -

EmpNo	::	8801
Salary in rupees	::	12000.00
Income tax in rupees	::	347.82

6. Write an application in 'C' language to accept values for **product number**, **unit price**, and **quantity** taken from the standard input device. Also display the same on the standard output device in the following sequence and format: -

Product No	::	?
Unit price in rupees	::	?
Quantity taken in pieces	::	?

7. Write a program in 'C' language to accept values for **registration number** of a student and the **marks obtained in C, C++, JAVA, and VB** from the standard input device. Also display the same on the standard output device in the following sequence and format: -

```
=====
                        Student Marks Detail
=====
Registration No      ::      ?
-----
C                   ::      ?
-----
C++                 ::      ?
-----
JAVA                ::      ?
-----
VB                  ::      ?
=====
```

