

Lab 7

Conditional Statements (Cont.) And Iterations in C

Marks: 5

Question 01:

Find out the power of two, program should take an integer command-line argument n and prints all of the powers of 2 less than or equal to n .

```
enter num
5
0 1 1 2 2 4 3 8 4 16 5 32
```

Question 02:

Write a program for Counting Digits and displaying their total count at the end of the program.

```
Enter a positive number: 5423715
The number has 7 digits
```

Question 03:

Generate the following pattern of 0's surrounded by *'s. height and width of pattern will be provided by user.

```
Enter height and width: 5 11
*****
*0*0*0*0*0*
*****
*0*0*0*0*0*
*****
```

Question 04:

Write a program to take an integer number, and compute the sum of its first and last number.

Question 05:

Write a program that accept a dialing code and return the corresponding country and city name.

```
Enter the dialing code: 92213
Country: Pakistan
City: Karachi
```