

#### Assignment # 5-4

1. Print following sequence for n row

|   |    |     |      |
|---|----|-----|------|
| 1 | 10 | 100 | 1000 |
| 2 | 20 | 200 | 2000 |
| . |    |     |      |
| . |    |     |      |
| 9 | 90 | 900 | 9000 |

2. Write a program to enter a number and show how many times a digit appeared in number  
e.g., n = 23531

1 = 1 times

2 = 1 times

3 = 2 times

5 = 1 times

3. Write a program to enter an expression and display its result when = is pressed/
4. Write a program to print pascal's triangle using formula

$$n! / k! (n - k)!$$

Where n is row number and k is column number, both starting at 0

- 5.

Write a program to produce the following output:

```
A B C D E F G F E D C B A
A B C D E F   F E D C B A
A B C D E     E D C B A
A B C D       D C B A
A B C         C B A
A B          B A
A            A
```