

Assignment No. –

Using Nested Loops

Write a program in 'C' to print the following patterns:

a)

```
*           |    1
* *         |    1 2
* * *       |    1 2 3
* * * *     |    1 2 3 4
* * * * *   |    1 2 3 4 5
```

b)

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

c)

```
* * * * *   |    1 2 3 4 5
* * * *     |    1 2 3 4
* * *       |    1 2 3
* *         |    1 2
*           |    1
```

d)

```
* * * * * * * * * |    1 2 3 4 5 6 7 8 9
* * * * * * *     |    1 2 3 4 5 6 7
* * * * *         |    1 2 3 4 5
* * *             |    1 2 3
*                 |    1
```

e)

1			A		
2	3		B C		
4	5	6		D E F	
7	8	9	10		G H I J

f)

5	4	3	2	1
5	4	3	2	
5	4	3		
5	4			
5				

g)

A				
B	B			
C	C	C		
D	D	D	D	
E	E	E	E	E

h)

		A	
	A	B	
A	B	C	
A	B	C	D

i)

1	1	1	1	1
2	2	2	2	
3	3	3		
4	4			
5				

j)

			1			
		1	2	1		
	1	2	3	2	1	
1	2	3	4	3	2	1

Signature of the Teacher