Question no 01:

Write a program to print (up to n. Here n=5)

  1

  12

  123

  1234

  12345

```
int n;

printf("Enter the range upto which you want the pattern = ");

scanf("%d",&n);

for(int i=1;i<=n;i++)

{

        for(int j=1;j<=i;j++)

        {

                printf("%d ",j);

        }
        printf("\n");

}
```

Question no 02:

2.

Write a program to produce following output.

                1

           2   3

        4   5   6

     7   8   9   10

#include<stdio.h>

```c
Int main()
{
        int a;
        printf("Enter the range upto which you want the pattern = ");
        scanf("%d",&a);
        int z=1;
        for(int i=1;i<=a;i++)
        {
                for(int j=a;j>0;j--)
                {
                        if(j<=i)
                        {
                                printf("%2d",z);
                                z++;
                        }
                        else
                        printf(" ");
                }
                printf("\n");
        }
}
```

Question no 03:

3.

Write a program to print a pyramid

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

```c
#include<stdio.h>
void pattern(int n);
int main()
{
int n;
printf("enter the number of rows = ");
scanf("%d",&n);
pattern(n);
}
void pattern(int n)
{
int b;
        printf("enter the range upto which you want the pattern = ");
        scanf("%d",&b);

        for(int i=1;i<=b;i++)
        {
                for(int j=b;j>0;j--)
```

```
                {

                        if(j<=i)

                        {

                                printf(" *");

                                z++;

                        }

                                else

                                printf(" ");

                }

                printf("\n");

        }

}
```

Question no 04:

4.

Write a program to print even numbers from 50 to 70

```
#include<stdio.h>

void evenodd();

int main()

{

evenodd();

}

void evenodd()

{

        for(int i=50;i<=70;i++)

        {

                if(i%2==0)

                printf("%d ",i);

        }
```

}