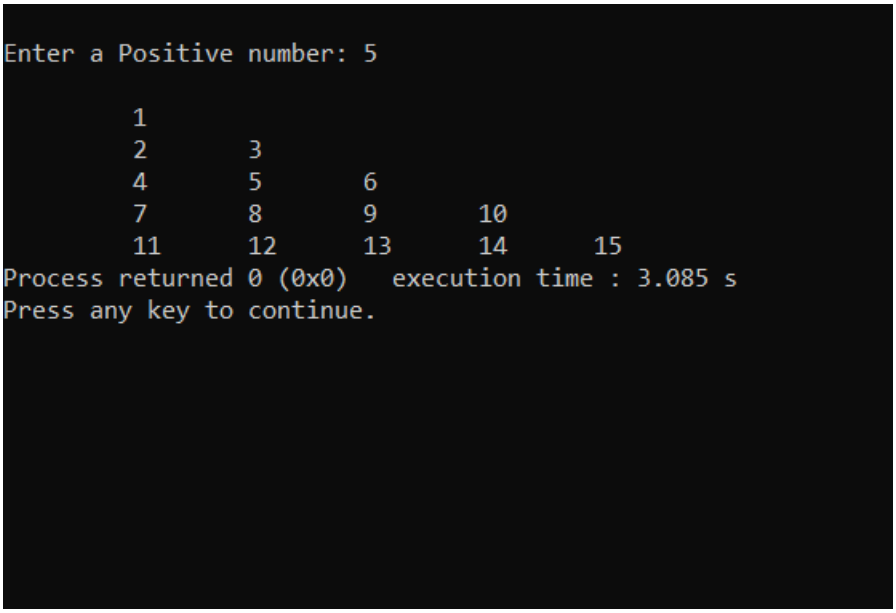
CODE

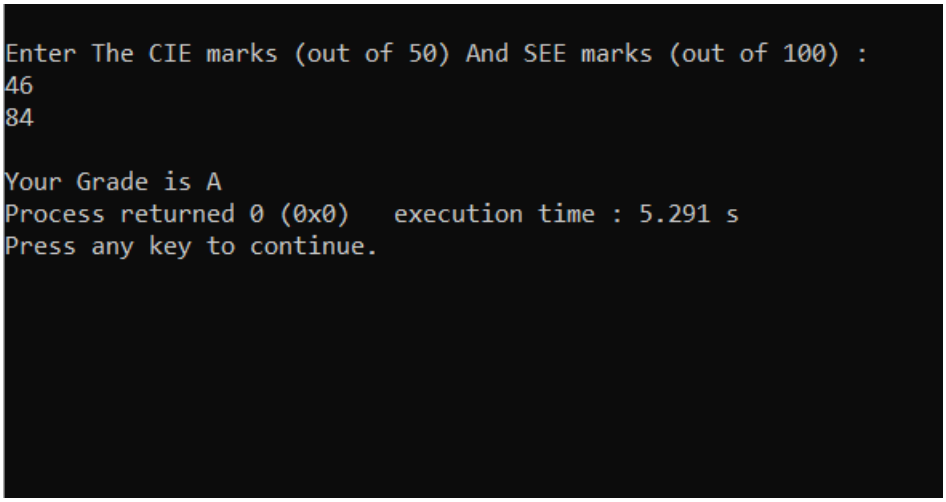
3)

```
#include

    void getdata(int *n)
    {
        printf("\nEnter a Positive number: ");
        scanf("%d",n);
    }
    void display(int n);

    int main()
    {
        int n;
        getdata(&n);
        if(n>=0)
         display(n);
        else
            printf("\nInput Error!");
        return 0;
    }

    void display(int n)
    {
        int i=1,j=1;
        for(i;i<=n;i++)
        {
            printf("\n");
            for(int k=1 ;k<=i;k++,j++)
           {
             printf("\t %d",j) ;
           }
        }
    }
```


Enter a Positive number: 5
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15
Process returned 0 (0x0) execution time : 3.085 s
Press any key to continue.

4)

```c
#include

    void getdata(int *,int *);
    void result(float );

    int main()
    {
        int CIE,SEE;
        float Av_sum;
        getdata(&CIE,&SEE);
        Av_sum=CIE+SEE*.5;
        result(Av_sum);

        return 0;
    }
    void getdata(int *CIE,int *SEE)
    {
        printf("\nEnter The CIE marks (out of 50) And SEE marks (out of 100) :\n");
        scanf("%d%d",CIE,SEE);
    }
    void result(float Av_sum)
    {

        if (Av_sum<=100.00 && Av_sum>=90.00)
            printf("\nYour Grade is S ");
        else
        if (Av_sum<90.00 && Av_sum>=80.00)
             printf("\nYour Grade is A ");
        else
        if (Av_sum<80.00 && Av_sum>=70.00)
             printf("\nYour Grade is B ");
        else
        if (Av_sum<70.00 && Av_sum>=60.00)
             printf("\nYour Grade is C ");
        else
        if (Av_sum<60.00 && Av_sum>=50.00)
             printf("\nYour Grade is D ");
        else
        if (Av_sum<50.0)
             printf("\nYour Grade is F ");

    }
```


Enter The CIE marks (out of 50) And SEE marks (out of 100) :
46
84
Your Grade is A
Process returned 0 (0x0)   execution time : 5.291 s
Press any key to continue.

5)

```
#include

    void getdata(int *, int *);
    void results(int,int);

    int main()
    {
        int m, n;
        getdata(&m,&n);
        printf("\nThe Prime Numbers Between %d and %d are :",m,n);
        results(m,n);

        return 0;
    }

    void getdata(int *m,int*n)
    {
        int x,y;
        printf("\nEnter the two numbers:\n");
        scanf("%d%d",&x,&y);
        *m=x>y?y:x;
        *n=x>y?x:y;

    }

    void results(int m, int n)
    {
        int p=m,flag,k;
        while (p<=n)
        {
            k=0;
            flag=0;
            if(p==2||p==3)
                {
                  printf("\t%d",p);
                }
            else
            if(p%2!=0 )
                { for(int i=3;i
```

```
Enter the two numbers:
2 18

The Prime Numbers Between 2 and 18 are : 2 3 5 7 11 13 17
Process returned 0 (0x0)   execution time : 2.958 s
Press any key to continue.
```