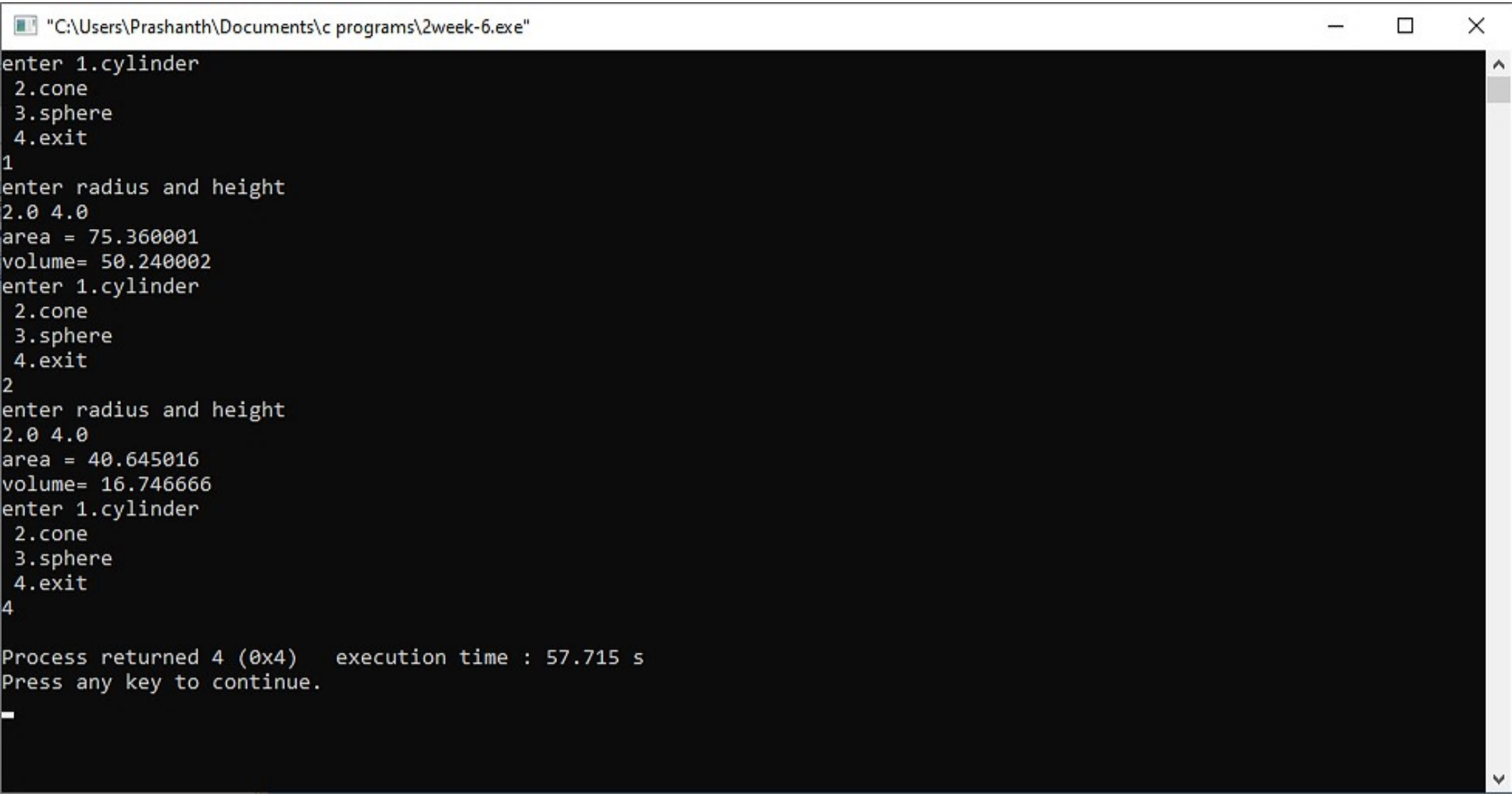

"C:\Users\Prashanth\Documents\c programs\2week-6.exe"
enter 1.cylinder
2.cone
3.sphere
4.exit
1
enter radius and height
2.0 4.0
area = 75.360001
volume= 50.240002
enter 1.cylinder
2.cone
3.sphere
4.exit
2
enter radius and height
2.0 4.0
area = 40.645016
volume= 16.746666
enter 1.cylinder
2.cone
3.sphere
4.exit
4
Process returned 4 (0x4) execution time : 57.715 s
Press any key to continue.

2week-3 - Notepad

File Edit Format View Help

```
#include<stdio.h>
void main()
{
int n,x=1;
printf("enter value of n \n");
scanf("%d",&n);
for(int i=1;i<=n;i++)
{
for(int j=1;j<=i;j++)
printf("%d ",x++);
printf("\n");
}
}
```

```
C:\Users\Prashanth\Documents\c programs>gcc -o obj 2week-3.c

C:\Users\Prashanth\Documents\c programs>
C:\Users\Prashanth\Documents\c programs>obj
enter value of n
5
1
2 3
4 5 6
7 8 9 10
11 12 13 14 15

C:\Users\Prashanth\Documents\c programs>
```

2week-4 - Notepad

File Edit Format View Help

```
{
int cie,see,tot;
char c;
printf("enter CIE marks out of 50\n");
scanf("%d",&cie);
printf("enter SEE marks out of 100\n");
scanf("%d",&see);
see=see/2;
tot=cie+see;
if(tot>=90)
c='S';
else if(tot>=80)
c='A';
else if(tot>=70)
c='B';
else if(tot>=60)
c='C';
else if(tot>=50)
c='D';
else
c='F';
printf("GRADE= %c",c);
}
```

Ln 25, Col 2 | 100% | Windows (CRLF) | UTF-8

Type here to search

ENG 13:59 22-09-2020

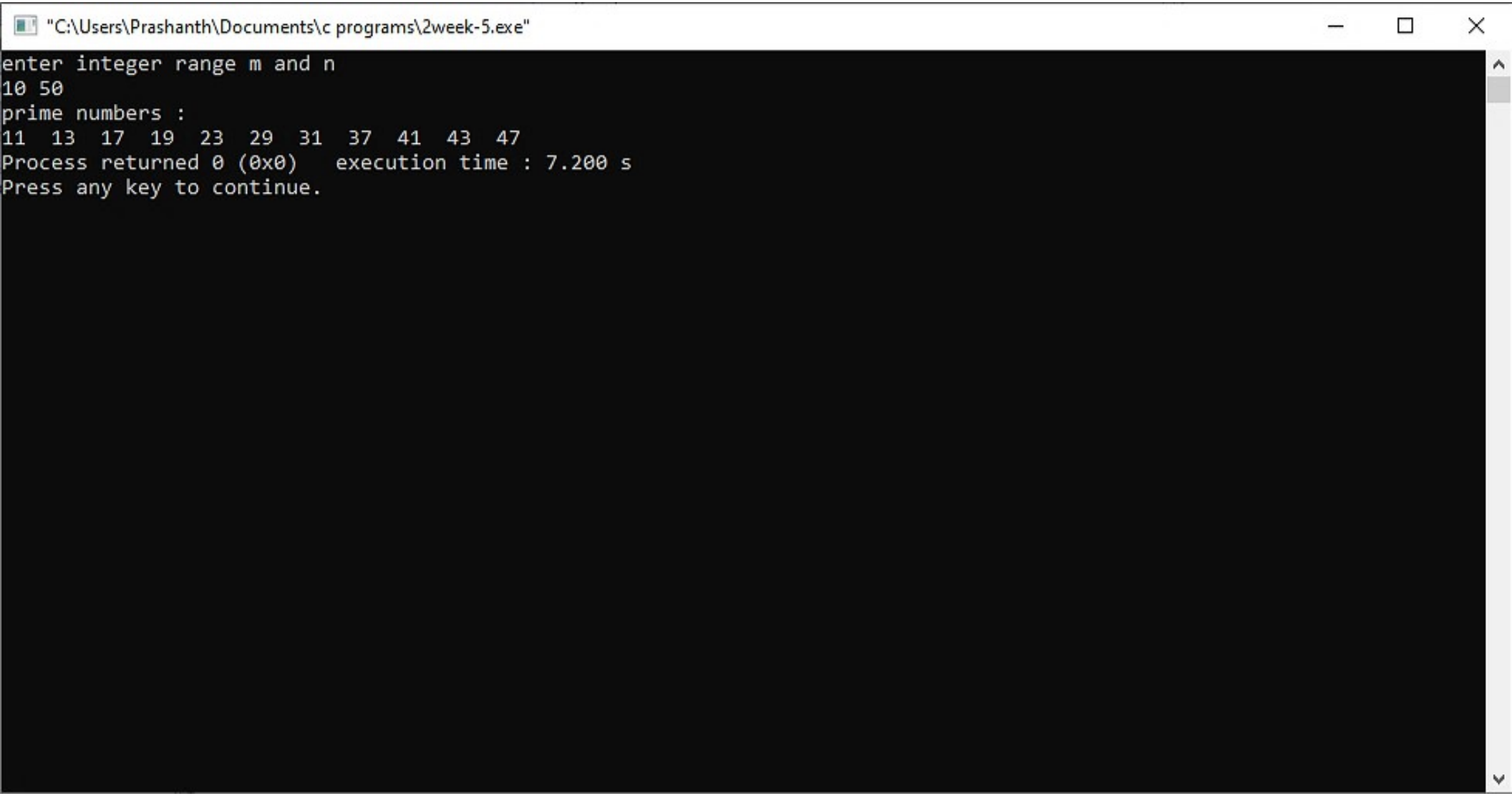
```
C:\Users\Prashanth\Documents\c programs>gcc -o obj 2week-4.c

C:\Users\Prashanth\Documents\c programs>obj
enter CIE marks out of 50
45
enter SEE marks out of 100
80
GRADE= A
C:\Users\Prashanth\Documents\c programs>obj
enter CIE marks out of 50
42
enter SEE marks out of 100
77
GRADE= A
C:\Users\Prashanth\Documents\c programs>obj
enter CIE marks out of 50
30
enter SEE marks out of 100
69
GRADE= C
C:\Users\Prashanth\Documents\c programs>
```

2week-5 - Notepad

File Edit Format View Help

```
#include<stdio.h>
int main()
{
int m,n,i,j;
printf("enter integer range m and n \n");
scanf("%d %d",&m,&n);
int fact;
printf("prime numbers : \n");
for( i=m;i<=n;i++)
{
fact=0;
for( j=2;j<i;j++)
{
if(i%j==0)
fact=fact+1;;
}
if(fact==0)
printf("%d  ",i);
}
return(0);
}
```

Ln 10, Col 2 | 100% | Windows (CRLF) | UTF-8


"C:\Users\Prashanth\Documents\c programs\2week-5.exe"
enter integer range m and n
10 50
prime numbers :
11 13 17 19 23 29 31 37 41 43 47
Process returned 0 (0x0) execution time : 7.200 s
Press any key to continue.

2week-6 - Notepad

File Edit Format View Help

```
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
#include<math.h>
void cylinder();
void cone();
void sphere();
void main()
{
    int n,temp=0;
    while(temp==0)
    {
            printf("enter 1.cylinder \n 2.cone \n 3.sphere \n 4.exit \n");
            scanf("%d",&n);
            switch(n)
            {
                case 1:cylinder();
                break;
                case 2:cone();
                break;
                case 3:sphere();
                break;
                case 4:temp=1;
                break;
                default:printf("invalid choice \n");

            }
            if(temp==1)
            break;
    }
}
void cylinder()
{
```

Ln 1, Col 1 | 70% | Windows (CRLF) | UTF-8

2week-6 - Notepad

File Edit Format View Help

```
    }
}
void cylinder()
{
    float r,h,a,v;
    printf("enter radius and height \n");
    scanf("%f %f",&r,&h);
    a=(2.0*3.14*r*h)+(2.0*3.14*r*r);
    v=3.14*r*r*h;
    printf("area = %f \n",a);
    printf("volume= %f \n",v);
}
void cone()
{
    float r,h,a,v;
    printf("enter radius and height \n");
    scanf("%f %f",&r,&h);
    float f=(float)sqrt(h*h+r*r);
    a=3.14*r*(r+f);
    v=(3.14*r*r*h)/3.0;
    printf("area = %f \n",a);
    printf("volume= %f \n",v);
}
void sphere()
{
    float r,a,v;
    printf("enter radius \n");
    scanf("%f ",&r);
    a=4.0*3.14*r*r;
    v=(4.0*3.14*r*r*r)/3.0;
    printf("area = %f \n",a);
    printf("volume= %f \n",v);
}
```

Ln 15, Col 8 | 70% | Windows (CRLF) | UTF-8