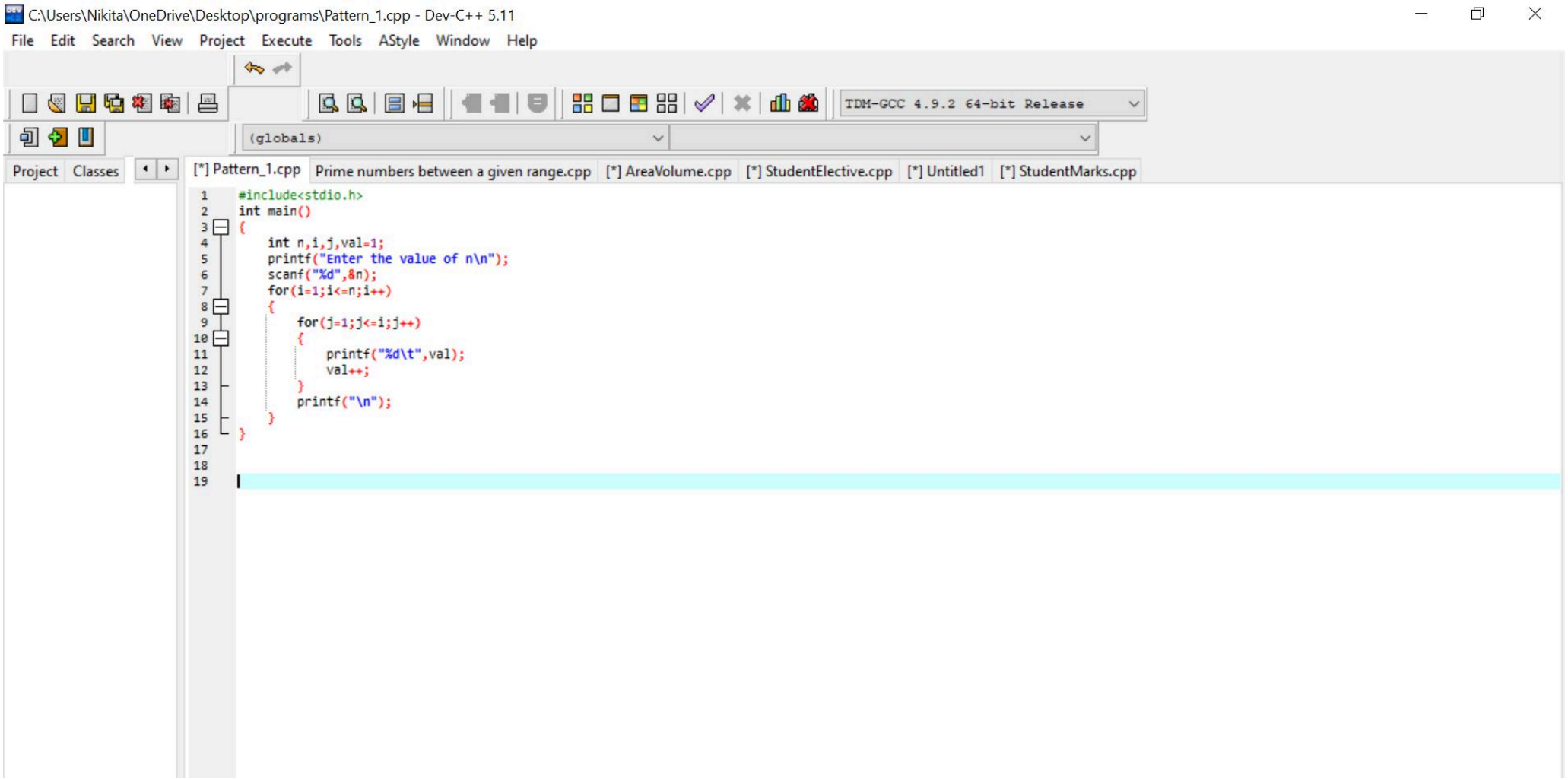
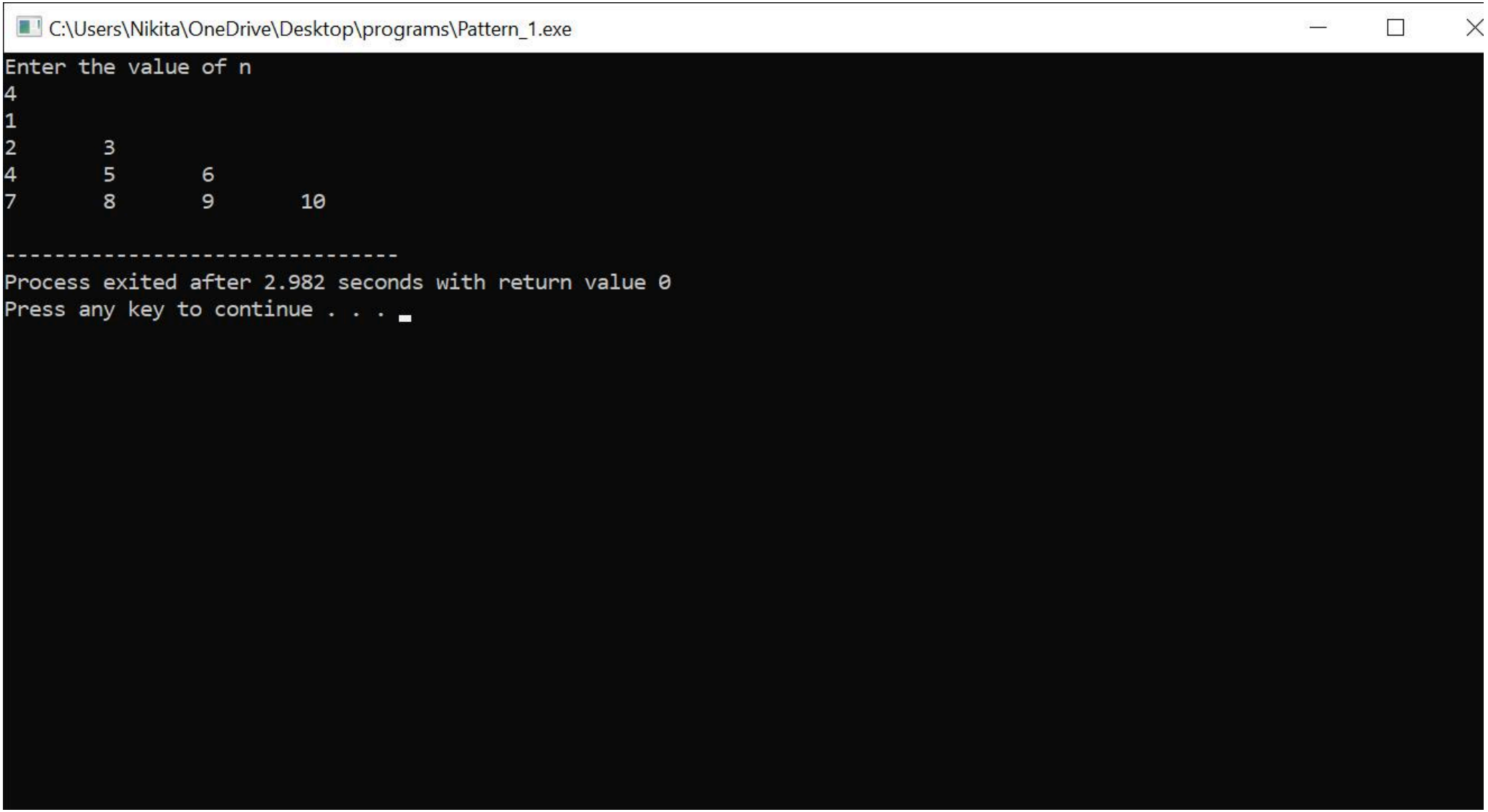
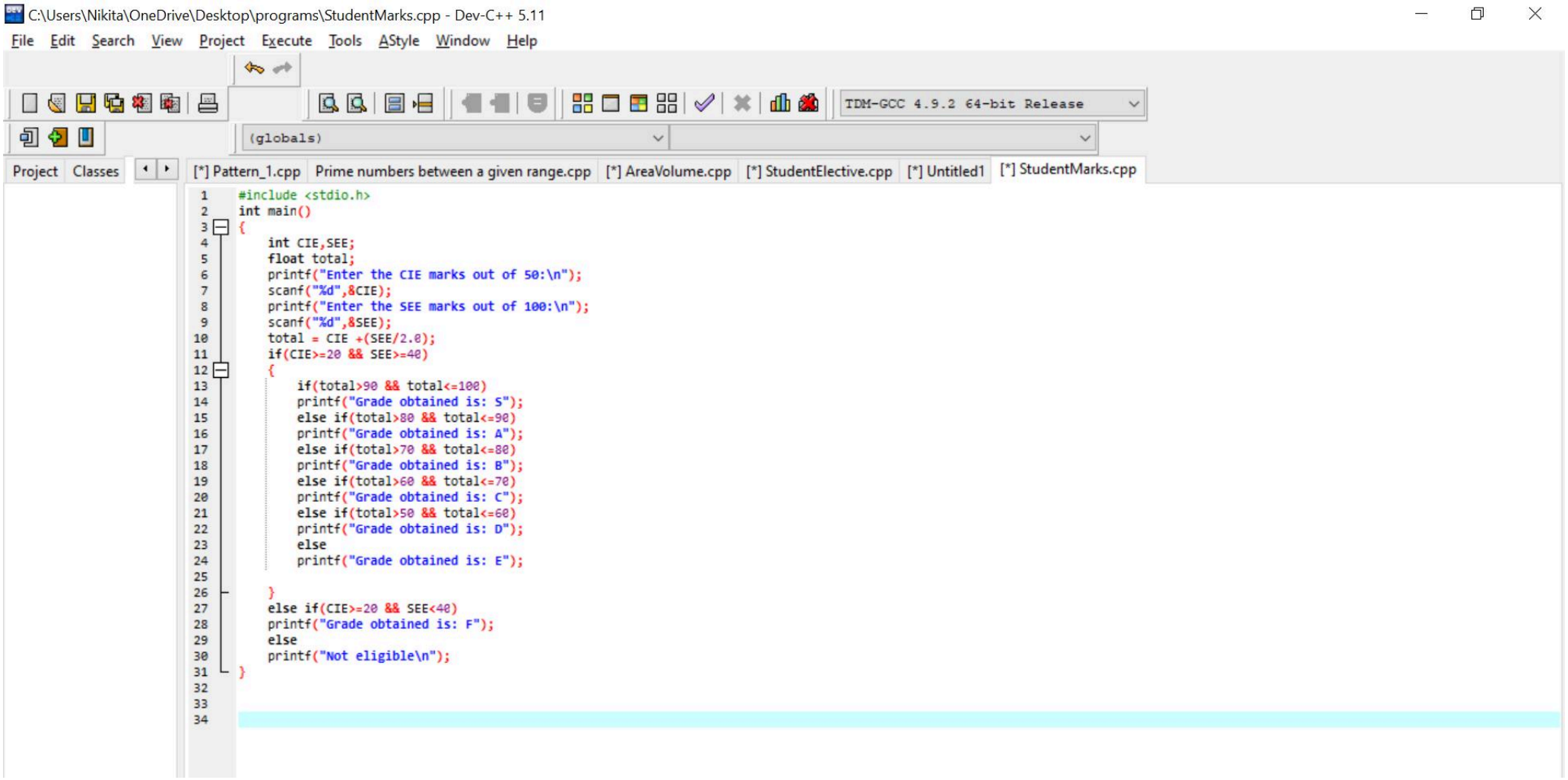
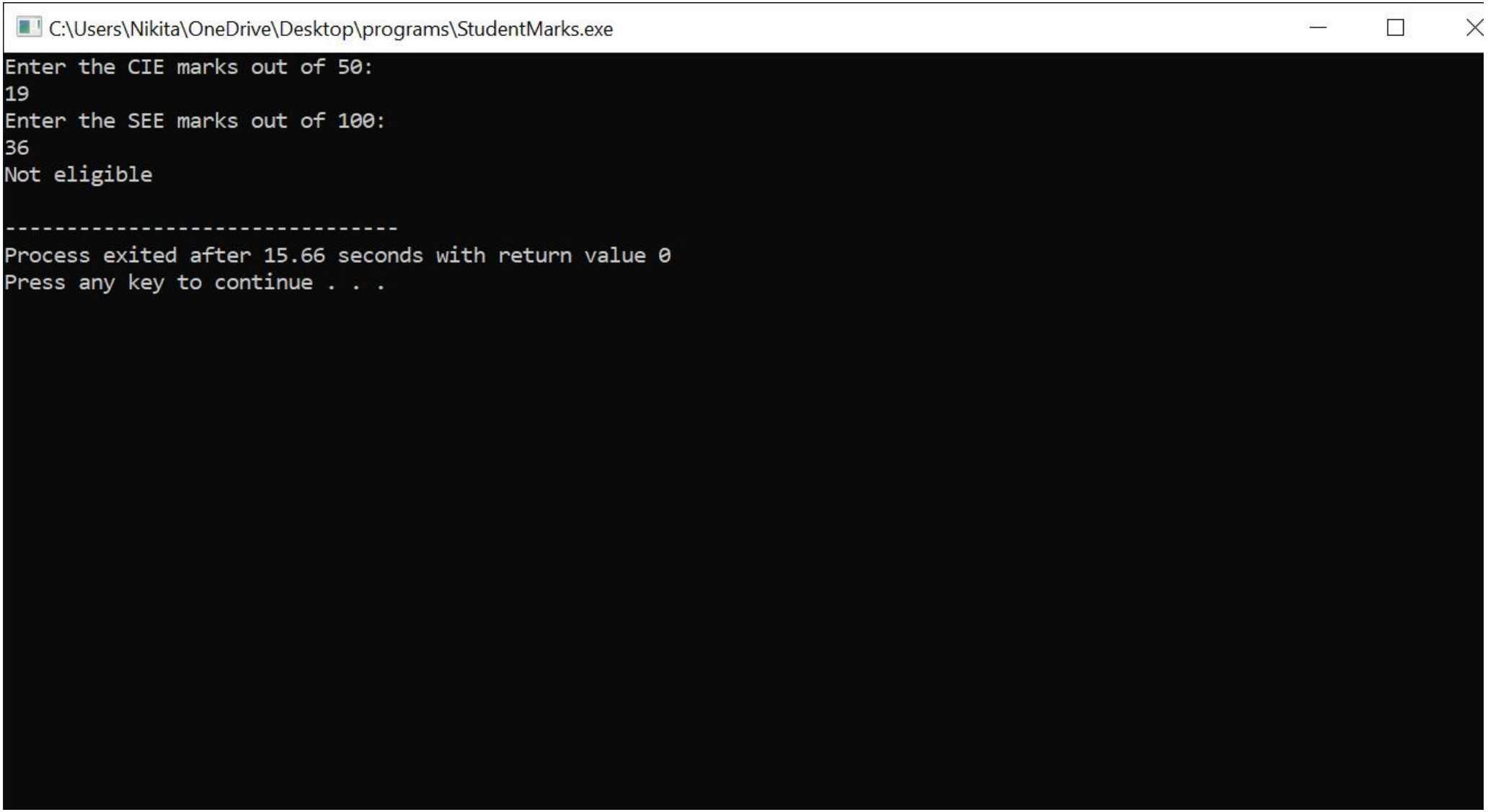

C:\Users\Nikita\OneDrive\Desktop\programs\Pattern_1.cpp - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes
[*] Pattern_1.cpp
Prime numbers between a given range.cpp
[*] AreaVolume.cpp
[*] StudentElective.cpp
[*] Untitled1
[*] StudentMarks.cpp
#include<stdio.h>
int main()
{
int n,i,j,val=1;
printf("Enter the value of n\n");
scanf("%d",&n);
for(i=1;i<=n;i++)
{
for(j=1;j<=i;j++)
{
printf("%d\t",val);
val++;
}
printf("\n");
}
}

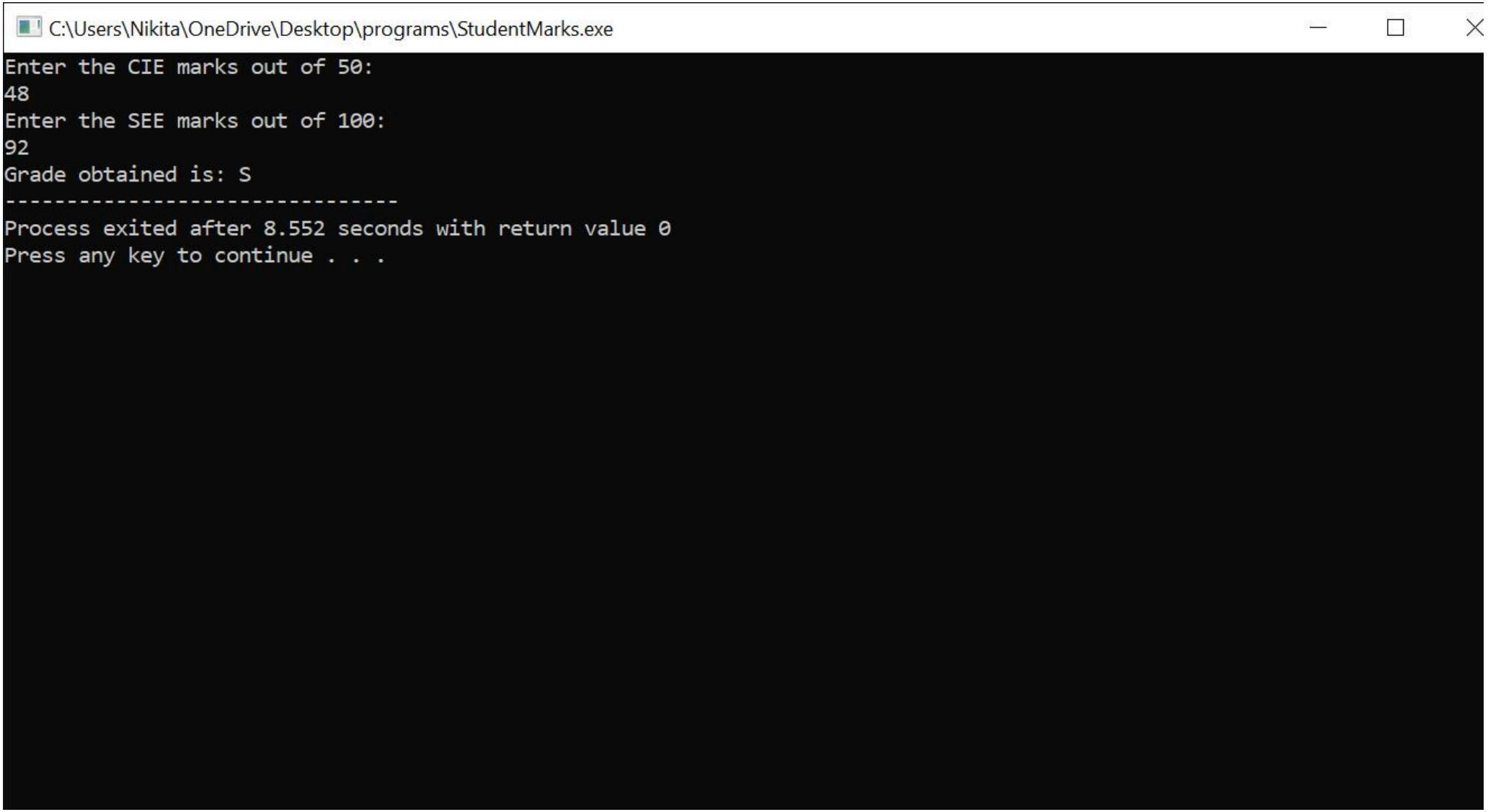

C:\Users\Nikita\OneDrive\Desktop\programs\Pattern_1.exe
Enter the value of n
4
1
2 3
4 5 6
7 8 9 10

Process exited after 2.982 seconds with return value 0
Press any key to continue . . .

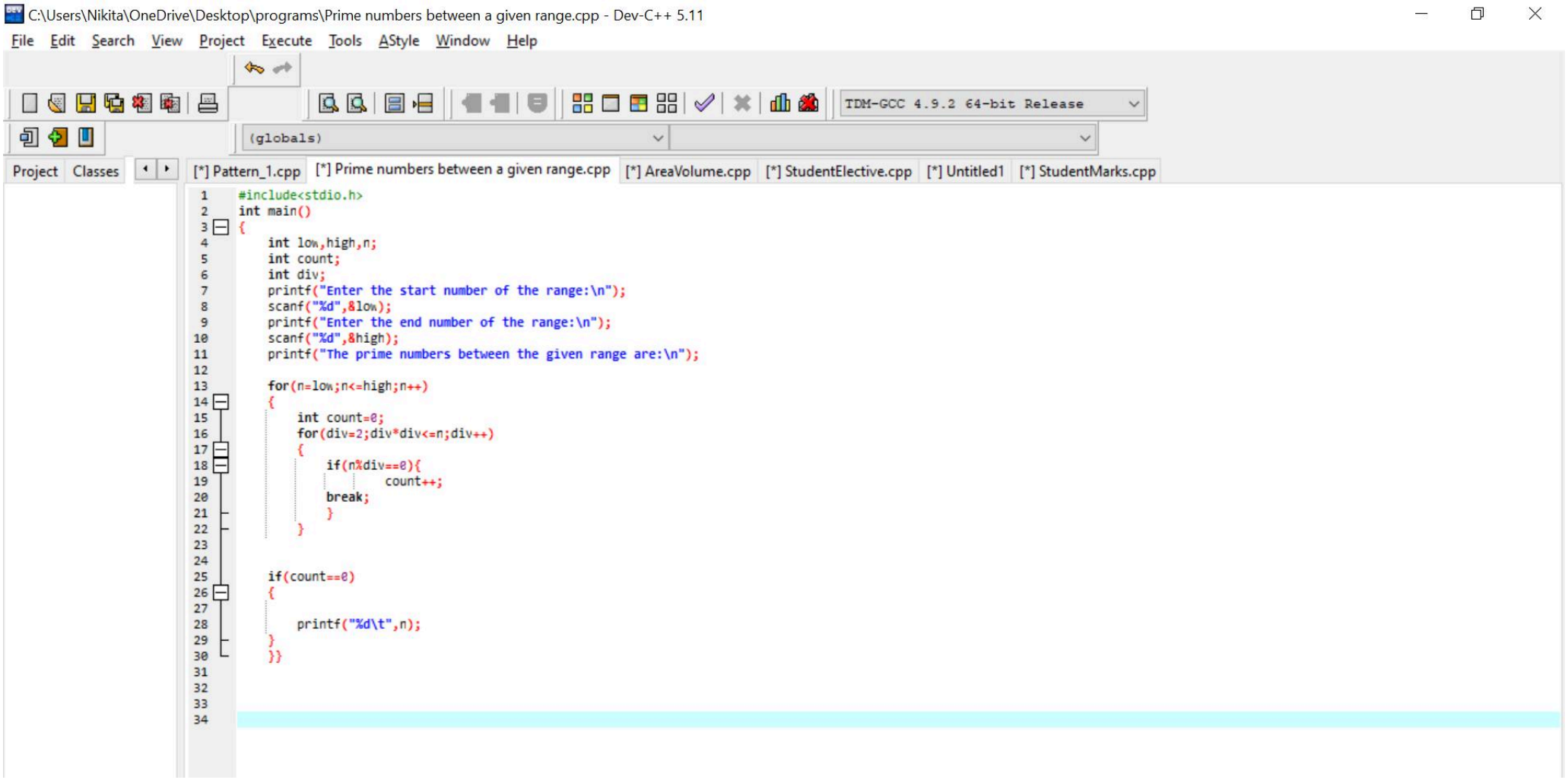

C:\Users\Nikita\OneDrive\Desktop\programs\StudentMarks.cpp - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes
[*] Pattern_1.cpp
Prime numbers between a given range.cpp
[*] AreaVolume.cpp
[*] StudentElective.cpp
[*] Untitled1
[*] StudentMarks.cpp
#include <stdio.h>
int main()
{
int CIE,SEE;
float total;
printf("Enter the CIE marks out of 50:\n");
scanf("%d",&CIE);
printf("Enter the SEE marks out of 100:\n");
scanf("%d",&SEE);
total = CIE +(SEE/2.0);
if(CIE>=20 && SEE>=40)
{
if(total>90 && total<=100)
printf("Grade obtained is: S");
else if(total>80 && total<=90)
printf("Grade obtained is: A");
else if(total>70 && total<=80)
printf("Grade obtained is: B");
else if(total>60 && total<=70)
printf("Grade obtained is: C");
else if(total>50 && total<=60)
printf("Grade obtained is: D");
else
printf("Grade obtained is: E");
}
else if(CIE>=20 && SEE<40)
printf("Grade obtained is: F");
else
printf("Not eligible\n");
}

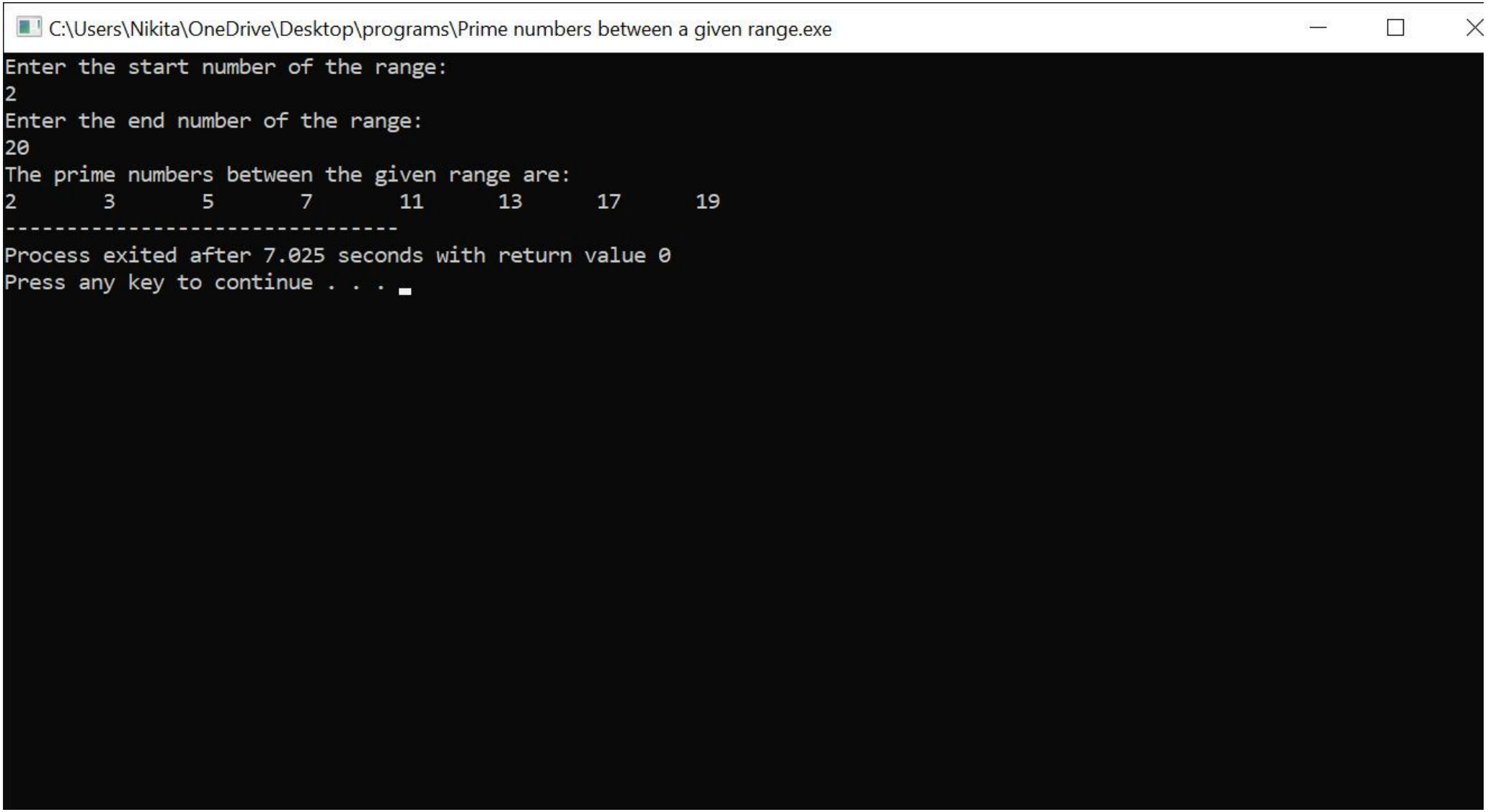

C:\Users\Nikita\OneDrive\Desktop\programs\StudentMarks.exe
Enter the CIE marks out of 50:
19
Enter the SEE marks out of 100:
36
Not eligible

Process exited after 15.66 seconds with return value 0
Press any key to continue . . .

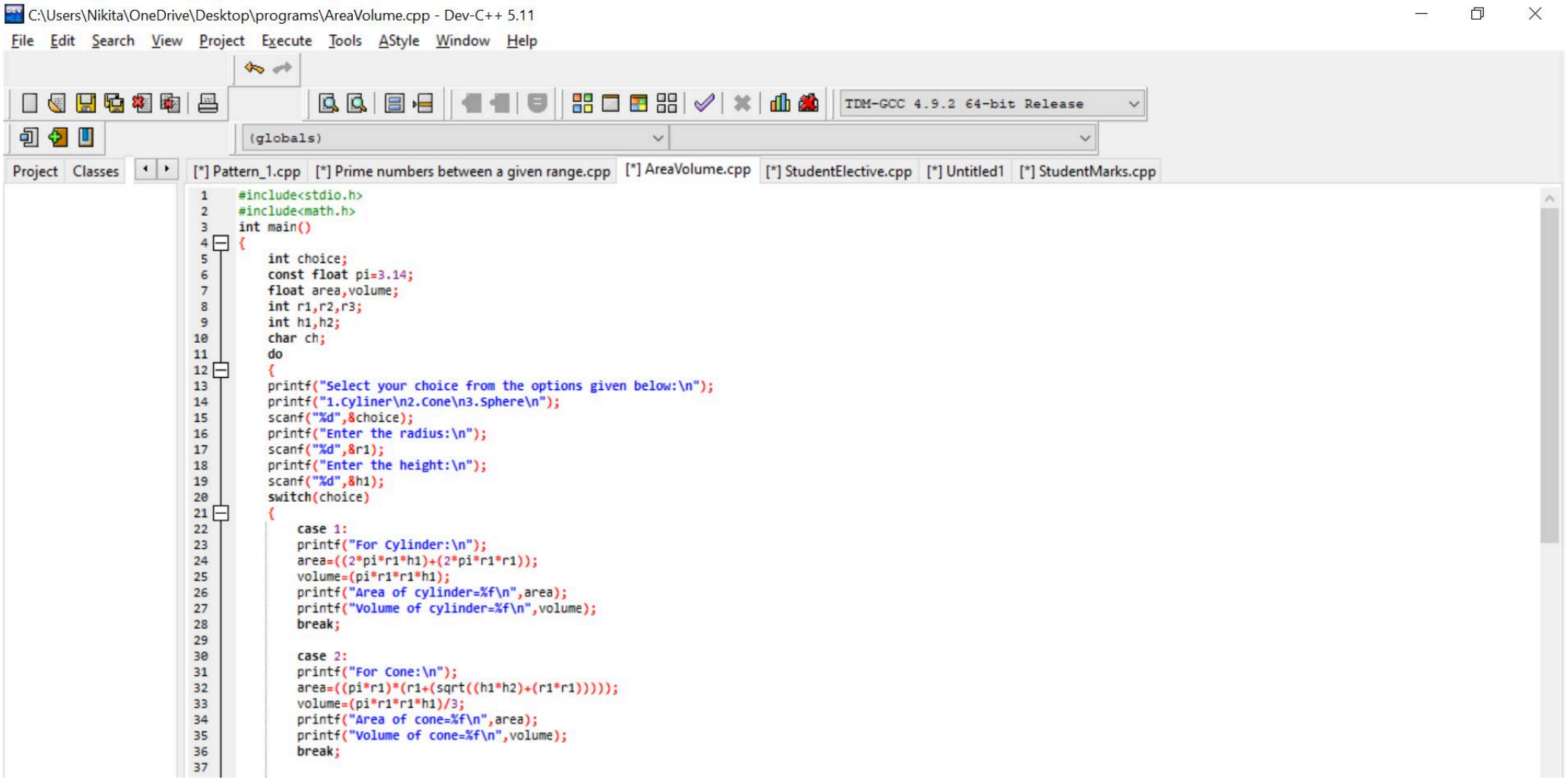

C:\Users\Nikita\OneDrive\Desktop\programs\StudentMarks.exe
Enter the CIE marks out of 50:
48
Enter the SEE marks out of 100:
92
Grade obtained is: S

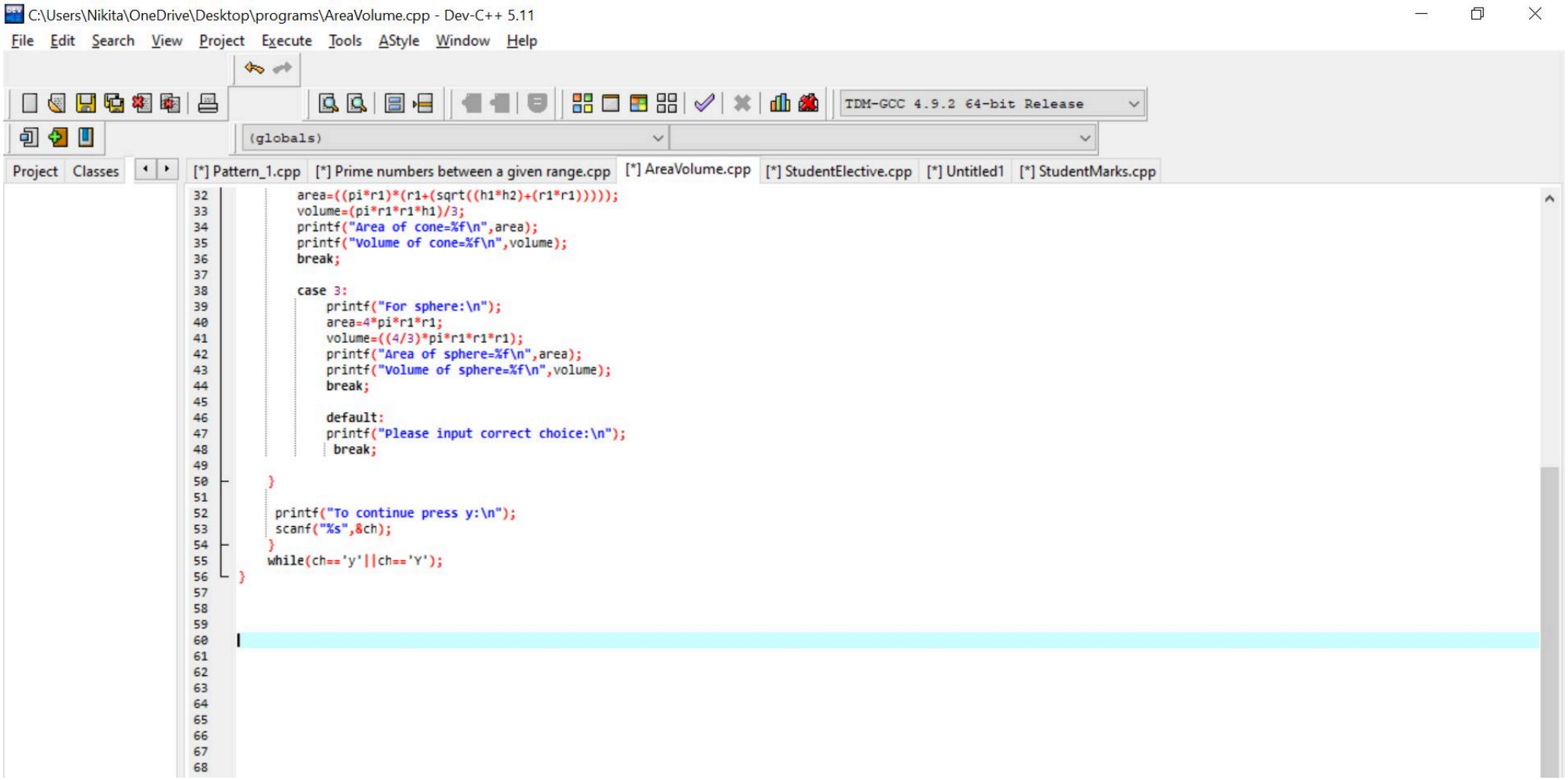
Process exited after 8.552 seconds with return value 0
Press any key to continue . . .


C:\Users\Nikita\OneDrive\Desktop\programs\Prime numbers between a given range.cpp - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes
[*] Pattern_1.cpp
[*] Prime numbers between a given range.cpp
[*] AreaVolume.cpp
[*] StudentElective.cpp
[*] Untitled1
[*] StudentMarks.cpp
#include<stdio.h>
int main()
{
int low,high,n;
int count;
int div;
printf("Enter the start number of the range:\n");
scanf("%d",&low);
printf("Enter the end number of the range:\n");
scanf("%d",&high);
printf("The prime numbers between the given range are:\n");
for(n=low;n<=high;n++)
{
int count=0;
for(div=2;div*div<=n;div++)
{
if(n%div==0){
count++;
break;
}
}
if(count==0)
{
printf("%d\t",n);
}
}}


C:\Users\Nikita\OneDrive\Desktop\programs\Prime numbers between a given range.exe
Enter the start number of the range:
2
Enter the end number of the range:
20
The prime numbers between the given range are:
2 3 5 7 11 13 17 19

Process exited after 7.025 seconds with return value 0
Press any key to continue . . .


C:\Users\Nikita\OneDrive\Desktop\programs\AreaVolume.cpp - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes
[*] Pattern_1.cpp
[*] Prime numbers between a given range.cpp
[*] AreaVolume.cpp
[*] StudentElective.cpp
[*] Untitled1
[*] StudentMarks.cpp
#include<stdio.h>
#include<math.h>
int main()
{
int choice;
const float pi=3.14;
float area,volume;
int r1,r2,r3;
int h1,h2;
char ch;
do
{
printf("Select your choice from the options given below:\n");
printf("1.Cyliner\n2.Cone\n3.Sphere\n");
scanf("%d",&choice);
printf("Enter the radius:\n");
scanf("%d",&r1);
printf("Enter the height:\n");
scanf("%d",&h1);
switch(choice)
{
case 1:
printf("For Cylinder:\n");
area=((2*pi*r1*h1)+(2*pi*r1*r1));
volume=(pi*r1*r1*h1);
printf("Area of cylinder=%f\n",area);
printf("Volume of cylinder=%f\n",volume);
break;
case 2:
printf("For Cone:\n");
area=((pi*r1)*(r1+(sqrt((h1*h2)+(r1*r1)))));
volume=(pi*r1*r1*h1)/3;
printf("Area of cone=%f\n",area);
printf("Volume of cone=%f\n",volume);
break;


C:\Users\Nikita\OneDrive\Desktop\programs\AreaVolume.cpp - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes
[*] Pattern_1.cpp
[*] Prime numbers between a given range.cpp
[*] AreaVolume.cpp
[*] StudentElective.cpp
[*] Untitled1
[*] StudentMarks.cpp
area=((pi*r1)*(r1+(sqrt((h1*h2)+(r1*r1)))));
volume=(pi*r1*r1*h1)/3;
printf("Area of cone=%f\n",area);
printf("Volume of cone=%f\n",volume);
break;
case 3:
printf("For sphere:\n");
area=4*pi*r1*r1;
volume=((4/3)*pi*r1*r1*r1);
printf("Area of sphere=%f\n",area);
printf("Volume of sphere=%f\n",volume);
break;
default:
printf("Please input correct choice:\n");
break;
}
printf("To continue press y:\n");
scanf("%s",&ch);
}
while(ch=='y'||ch=='Y');
}

C:\Users\Nikita\OneDrive\Desktop\programs\AreaVolume.exe

```
Select your choice from the options given below:
1.Cyliner
2.Cone
3.Sphere
2
Enter the radius:
6
Enter the height:
4
For Cone:
Area of cone=232.194626
Volume of cone=150.720001
To continue press y:
y
Select your choice from the options given below:
1.Cyliner
2.Cone
3.Sphere
3
Enter the radius:
4
Enter the height:
2
For sphere:
Area of sphere=200.960007
Volume of sphere=200.960007
To continue press y:
n

--------------------------------
Process exited after 27.78 seconds with return value 0
Press any key to continue . . .
```