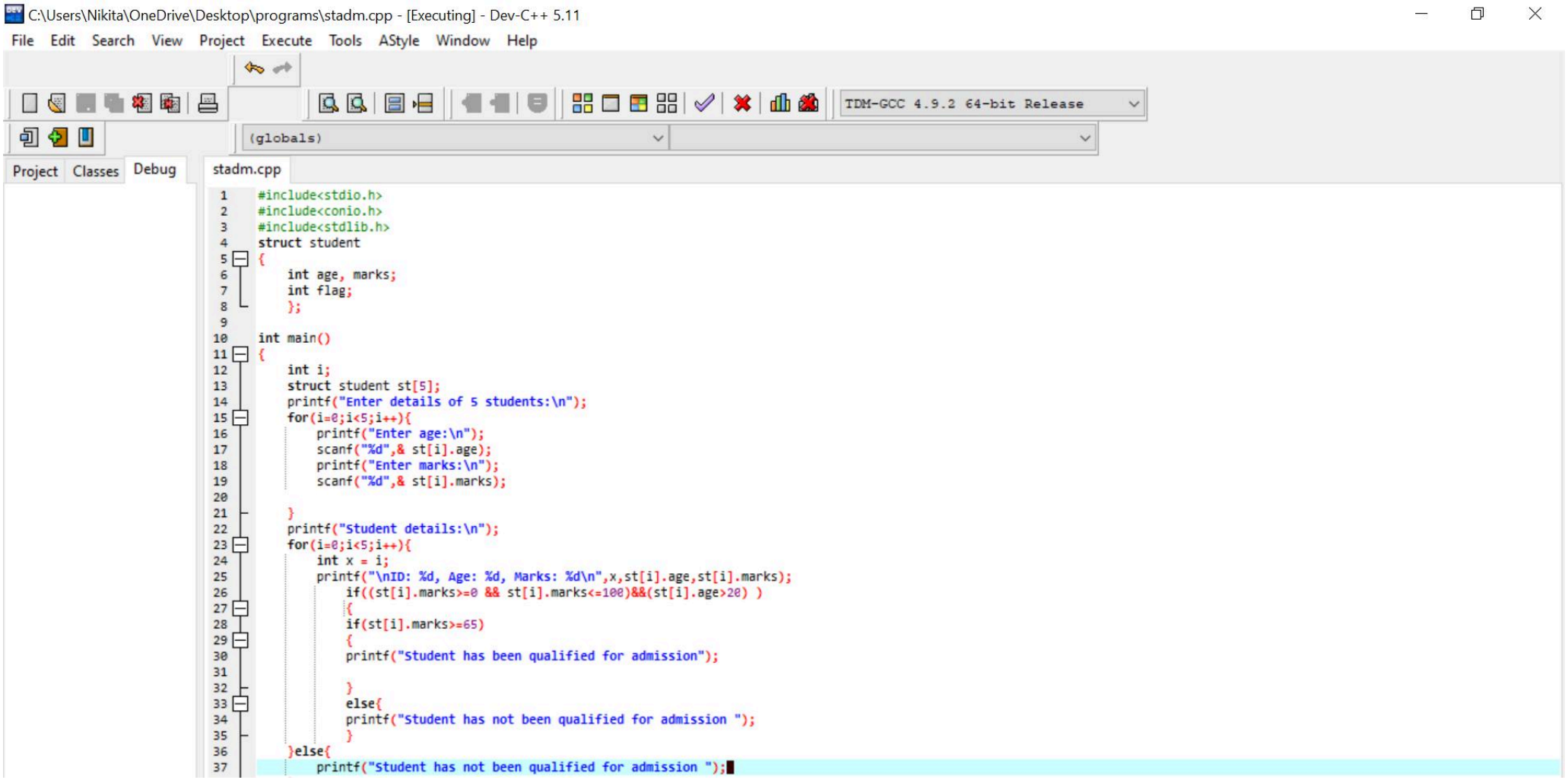
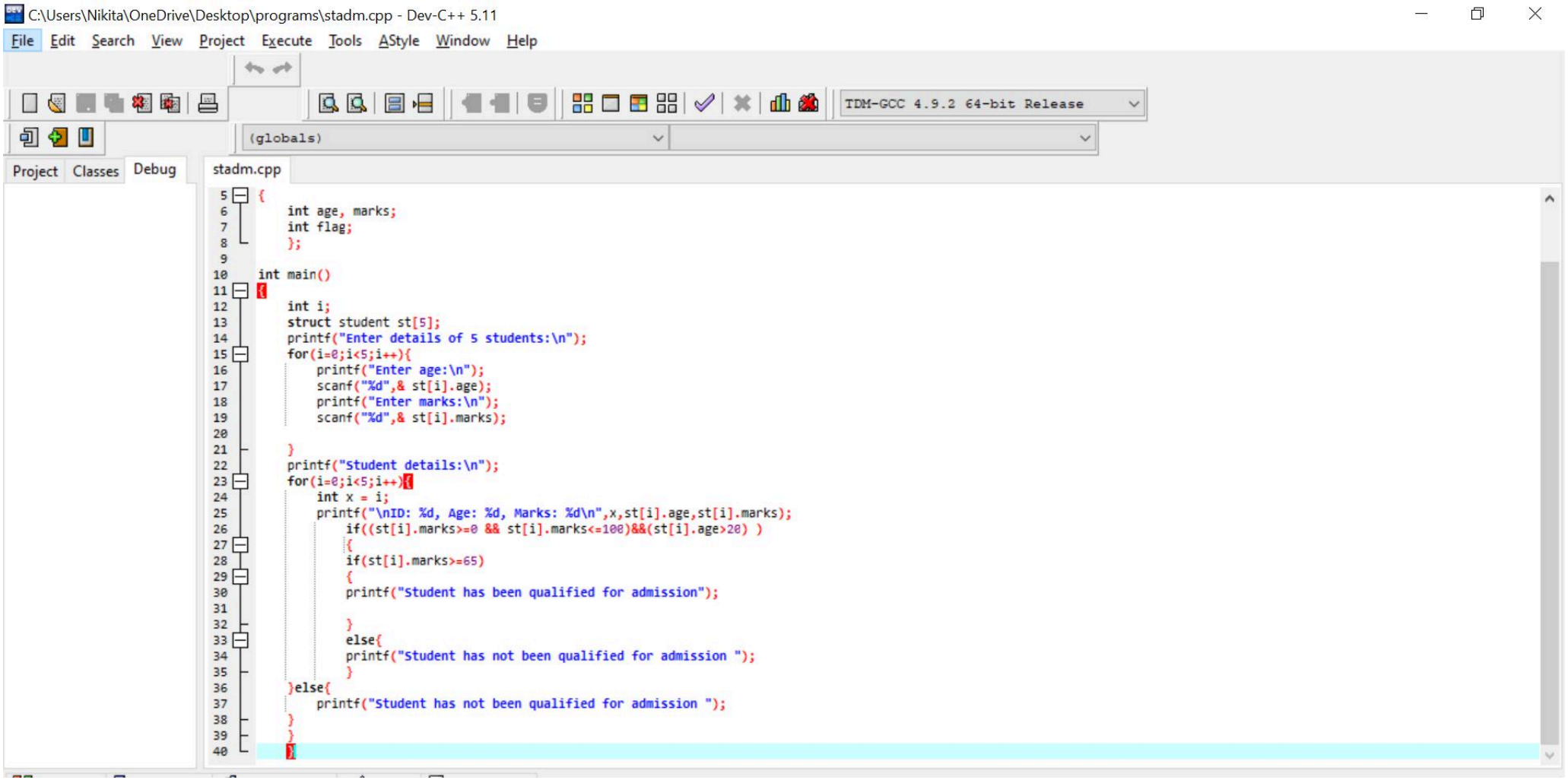
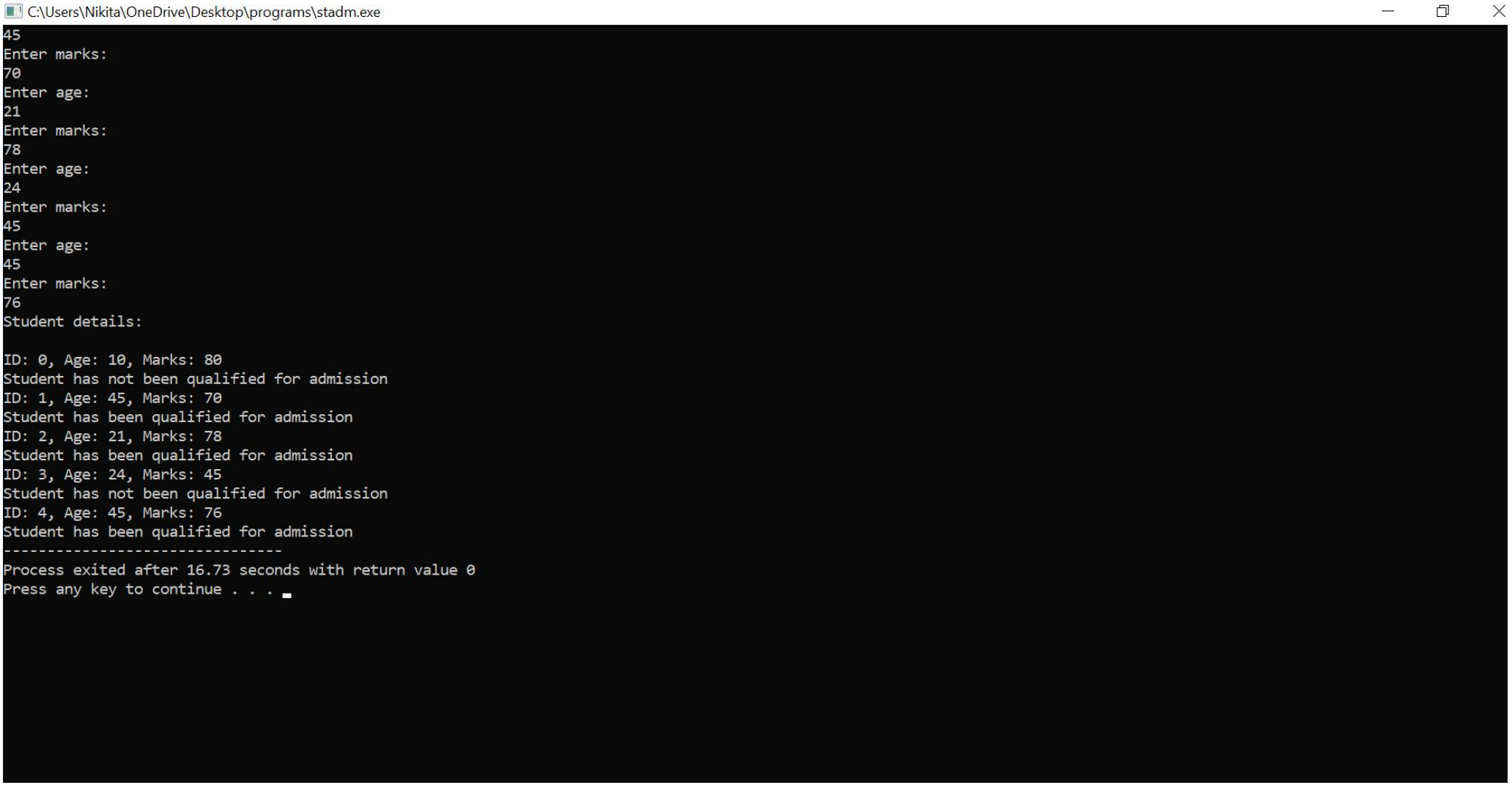

C:\Users\Nikita\OneDrive\Desktop\programs\stadm.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
stadm.cpp
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
struct student
{
int age, marks;
int flag;
};
int main()
{
int i;
struct student st[5];
printf("Enter details of 5 students:\n");
for(i=0;i<5;i++){
printf("Enter age:\n");
scanf("%d",& st[i].age);
printf("Enter marks:\n");
scanf("%d",& st[i].marks);
}
printf("Student details:\n");
for(i=0;i<5;i++){
int x = i;
printf("\nID: %d, Age: %d, Marks: %d\n",x,st[i].age,st[i].marks);
if((st[i].marks>=0 && st[i].marks<=100)&&(st[i].age>20))
{
if(st[i].marks>=65)
{
printf("Student has been qualified for admission");
}
else{
printf("Student has not been qualified for admission ");
}
}else{
printf("Student has not been qualified for admission ");


C:\Users\Nikita\OneDrive\Desktop\programs\stadm.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 Debug
stadm.cpp
{
int age, marks;
int flag;
};
int main()
{
int i;
struct student st[5];
printf("Enter details of 5 students:\n");
for(i=0;i<5;i++){
printf("Enter age:\n");
scanf("%d",& st[i].age);
printf("Enter marks:\n");
scanf("%d",& st[i].marks);
}
printf("Student details:\n");
for(i=0;i<5;i++){
int x = i;
printf("\nID: %d, Age: %d, Marks: %d\n",x,st[i].age,st[i].marks);
if((st[i].marks>=0 && st[i].marks<=100)&&(st[i].age>20))
{
if(st[i].marks>=65)
{
printf("Student has been qualified for admission");
}
else{
printf("Student has not been qualified for admission ");
}
}else{
printf("Student has not been qualified for admission ");
}
}
}


C:\Users\Nikita\OneDrive\Desktop\programs\stadm.exe
45
Enter marks:
70
Enter age:
21
Enter marks:
78
Enter age:
24
Enter marks:
45
Enter age:
45
Enter marks:
76
Student details:
ID: 0, Age: 10, Marks: 80
Student has not been qualified for admission
ID: 1, Age: 45, Marks: 70
Student has been qualified for admission
ID: 2, Age: 21, Marks: 78
Student has been qualified for admission
ID: 3, Age: 24, Marks: 45
Student has not been qualified for admission
ID: 4, Age: 45, Marks: 76
Student has been qualified for admission

Process exited after 16.73 seconds with return value 0
Press any key to continue . . .

1. A university wants to automate their admission process. Students are admitted based on the marks scored in a qualifying escam.

A student is identified by student id, age and marks in qualifying exam. Data are valid if:
- Age is greater than 20
- Marks is between 0 and 100 (both inclusive)

A student qualifies for admission, if:
- Age and marks are valid and
- Marks is 65 or above.

WAP to represent the students seeking admission in the university.

```
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
 struct student
   {
     int age, marks;
   };
int main()
 {  int i;
    struct student st[5];
    printf("Enter details of 5 students :\n");
     for(i=0; i<5; i++)
       {printf("Enter age :\n");
        scanf("%d" &st[i].age);
```

```
printf("Enter marks : \n");
scanf("%d", &st[i].marks);
  }
  printf("student details : \n");
  for(i=0 ; i<5 ; i++)
   {
     int x = i;
    printf("\nID : %d, Age : %d, Marks : %d\n",
          x, st[i].age, st[i].marks);
     if ((st[i].marks >=0 && st[i].marks <=100)
       && (st[i].age > 20))
      {
        if (st[i].marks >=65)
          {
          printf("student has been qualified
                 for admission");
           }
        else {
        printf("student has not been qualified
              for admission");
           }
      else {
        printf("student has not been qualified
              for admission due to age");
           }
   }
}
```