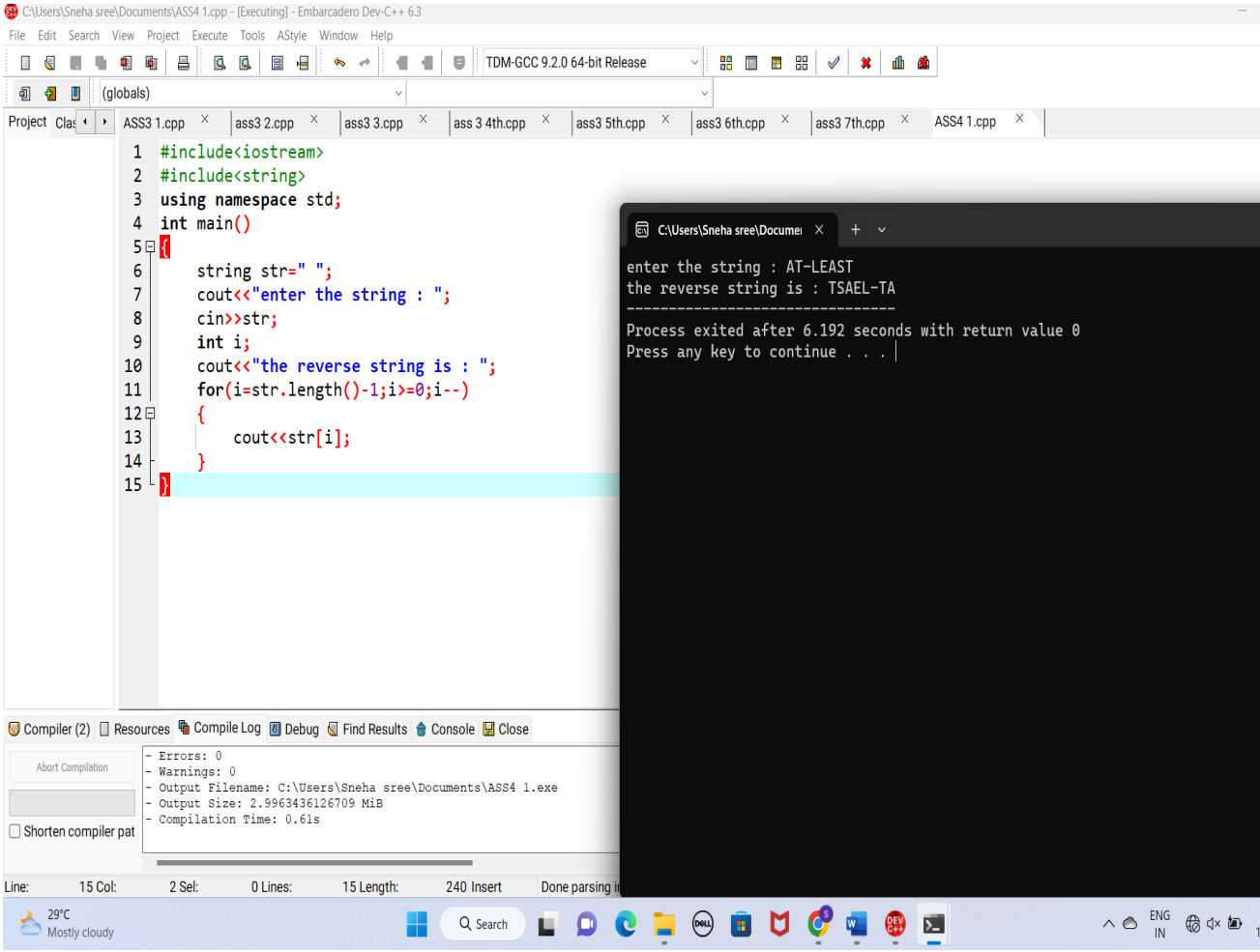
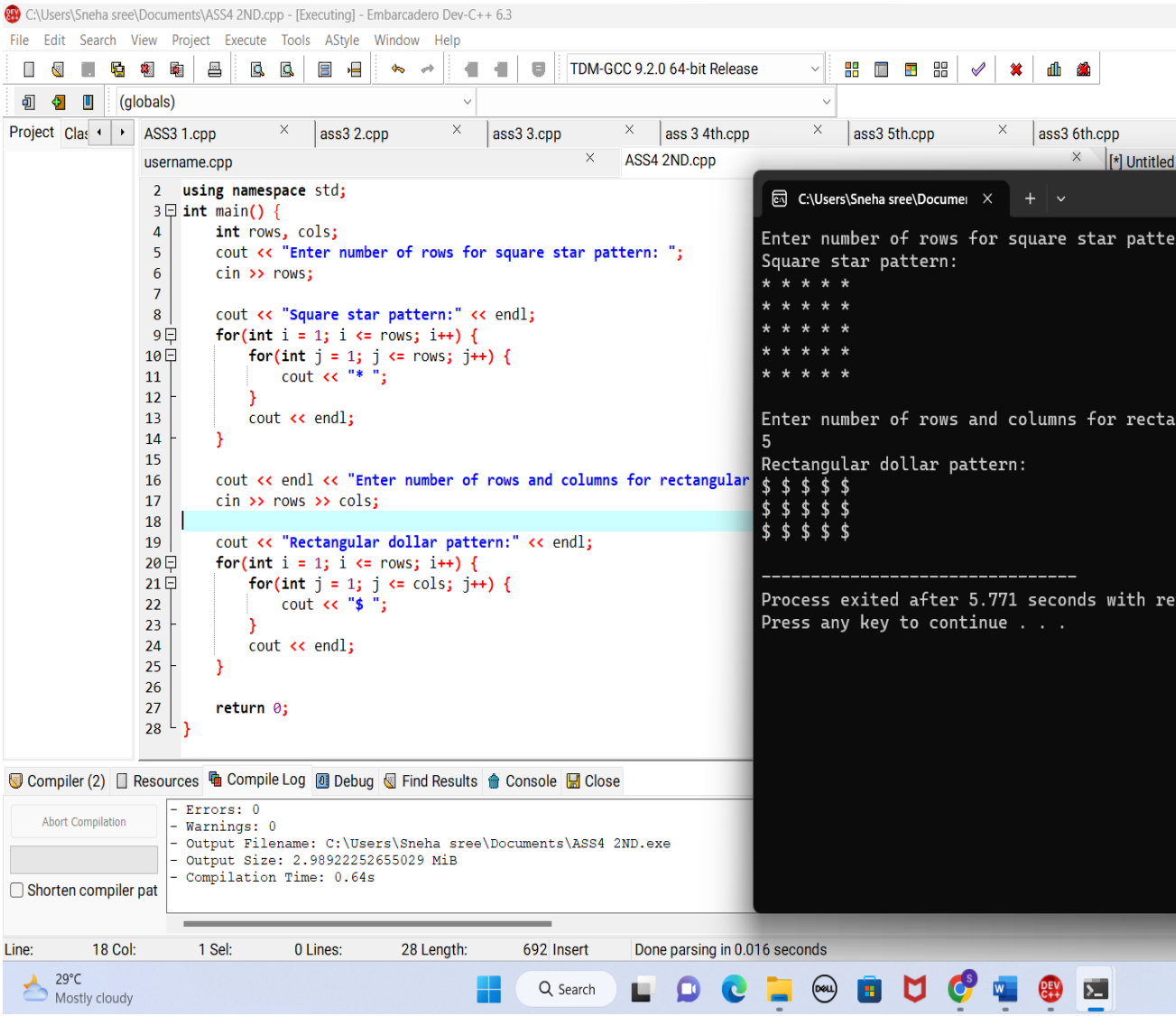
**DAY 4 Assignment QUESTIONS.**

1. Write a program to reverse a word using loop?
   Sample Input:
   String: TEMPLE
   Sample Output:
   Reverse String: ELPMET
   Test cases:
   1. SIGN UP
   2. AT-LEAST
   3. 1245
   4. !@#$%
   5. 145*999=144855




2. Write a program to print square star and rectangle dollar pattern?




3. Write a program to count all the prime and composite numbers entered by the user.

Sample Input:

Enter the numbers

4

54

29

71

7

59

98

23

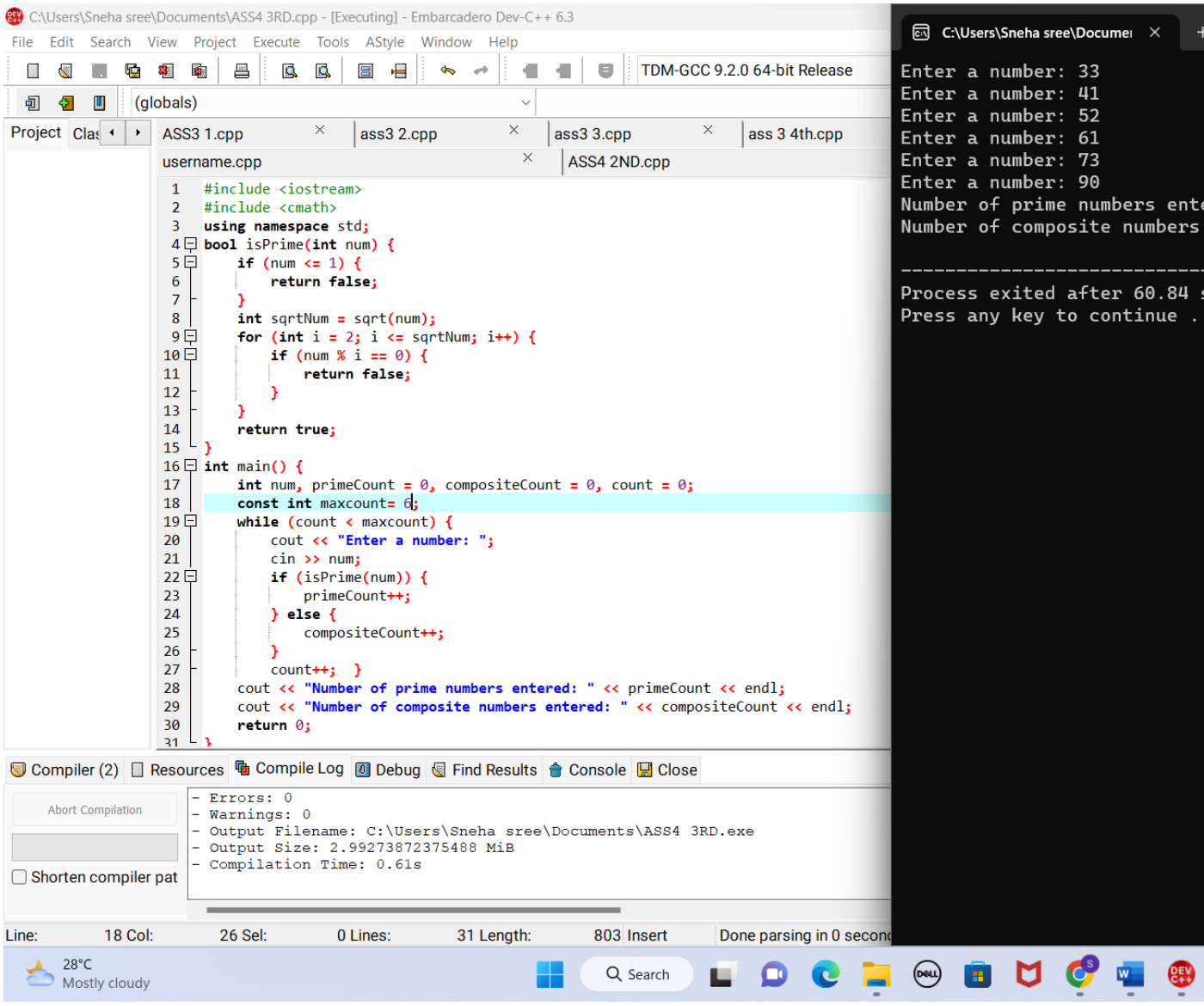
Sample Output:

Composite number:3

Prime number:5

Test cases:

1. 33, 41, 52, 61,73,90
2. TEN, FIFTY, SIXTY-ONE, SEVENTY-SEVEN, NINE
3. 45, 87, 09, 5.0 ,2.3, 0.4
4. -54, -76, -97, -23, -33, -98
5. 45, 73, 00, 50, 67, 44




4 Write a program to check the entered user name is valid or not. Get both the inputs from the user.

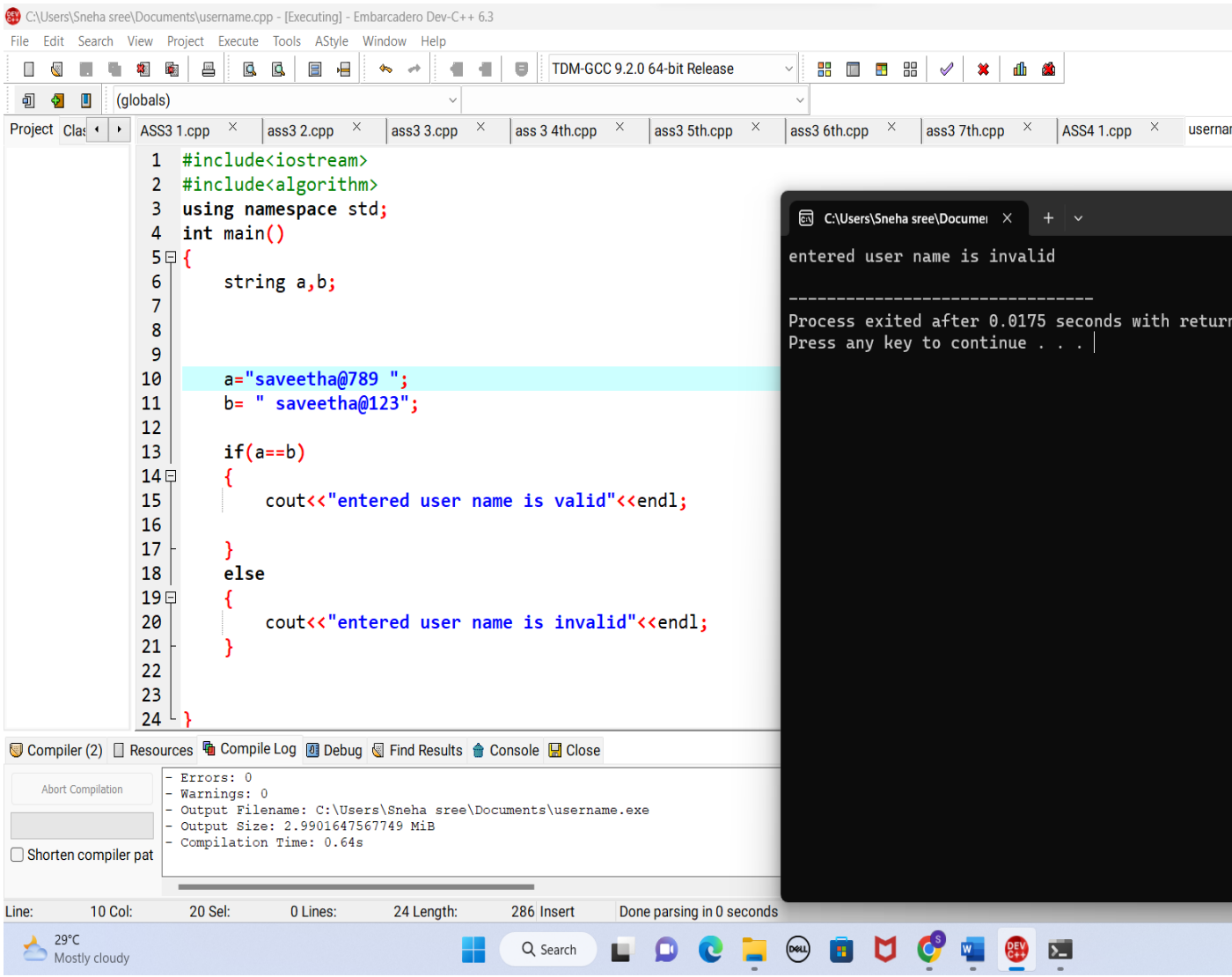
Sample Input:

Enter the user name: Saveetha@789

Reenter the user name: Saveetha@123

Sample Output:

User name is Invalid


C:\Users\Sneha sree\Documents\username.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
Project Clas
ASS3 1.cpp
ass3 2.cpp
ass3 3.cpp
ass 3 4th.cpp
ass3 5th.cpp
ass3 6th.cpp
ass3 7th.cpp
ASS4 1.cpp
#include<iostream>
#include<algorithm>
using namespace std;
int main()
{
string a,b;
a="saveetha@789 ";
b= " saveetha@123";
if(a==b)
{
cout<<"entered user name is valid"<<endl;
}
else
{
cout<<"entered user name is invalid"<<endl;
}
}
C:\Users\Sneha sree\Docume
entered user name is invalid
Process exited after 0.0175 seconds with return
Press any key to continue . . .
Compiler (2) Resources Compile Log Debug Find Results Console Close
Abort Compilation
Shorten compiler pat
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Sneha sree\Documents\username.exe
- Output Size: 2.9901647567749 MiB
- Compilation Time: 0.64s
Line: 10 Col: 20 Sel: 0 Lines: 24 Length: 286 Insert Done parsing in 0 seconds
29°C
Mostly cloudy
Search