Name: Abdul Moiz Mansab

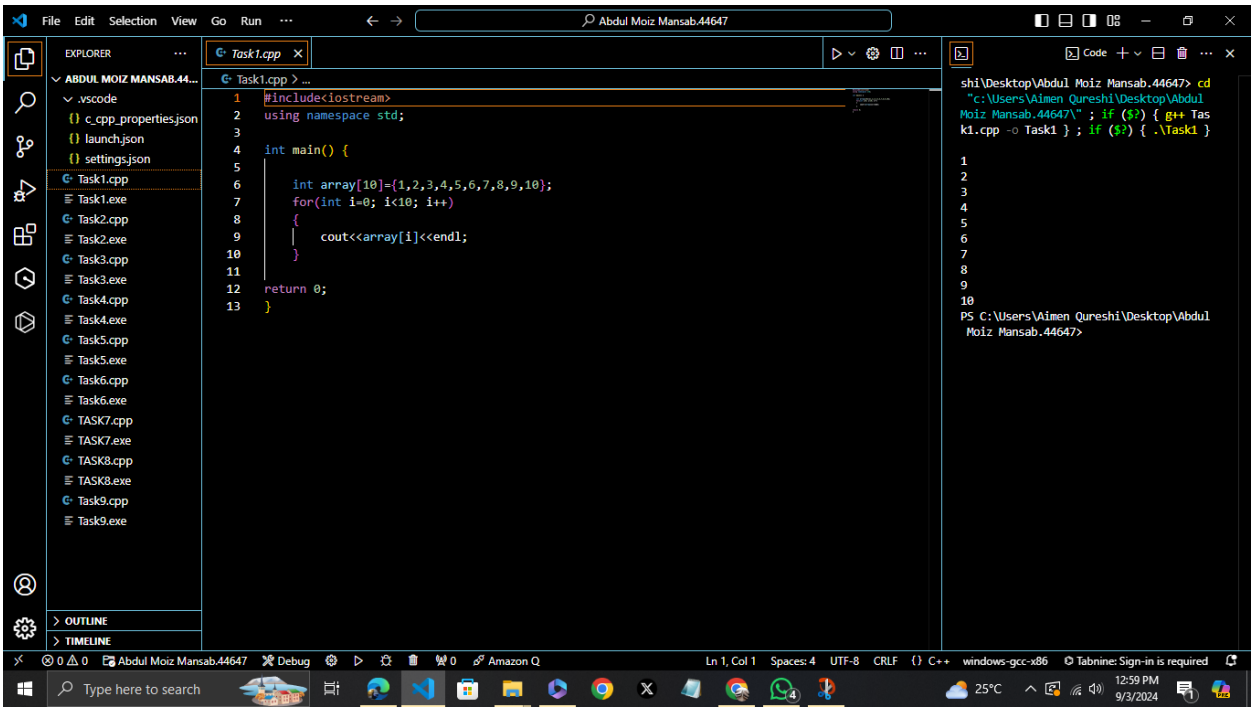
SAP ID: 44647

Course: Data Structure And Algorithem

Submitted To: Mr. Shahzad Ahmed Khan

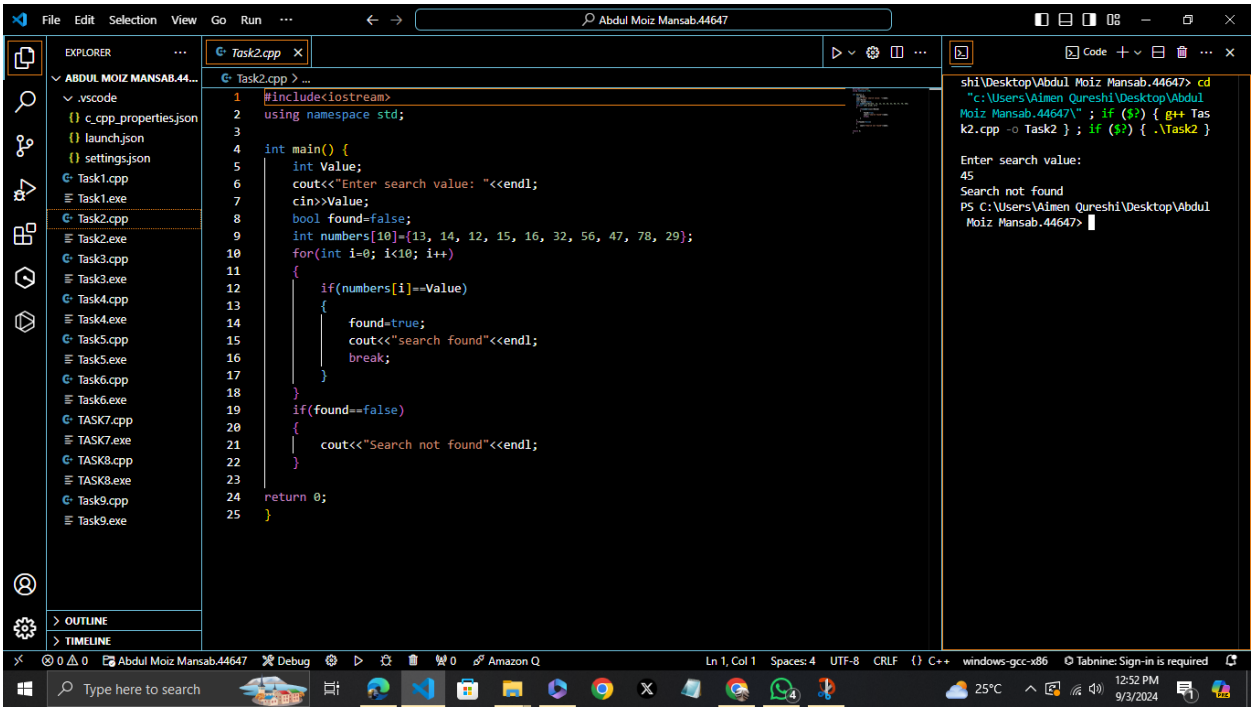
TASK # 1

Code



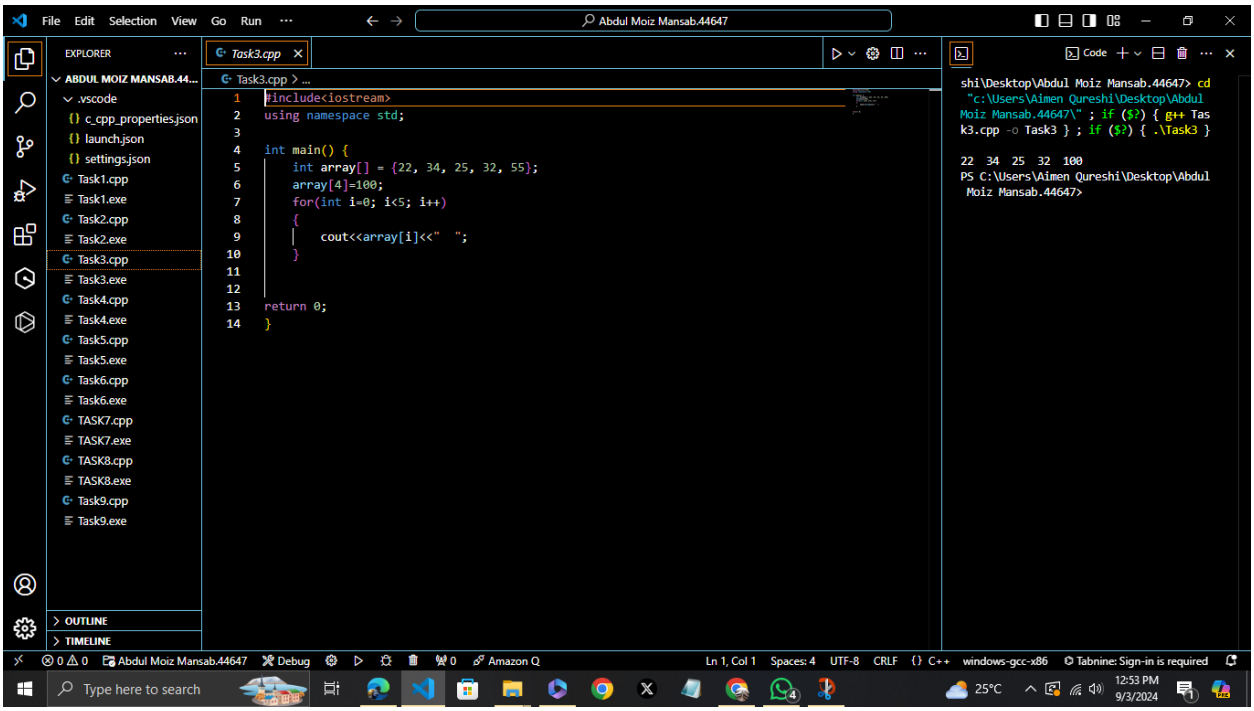
TASK # 2

Code



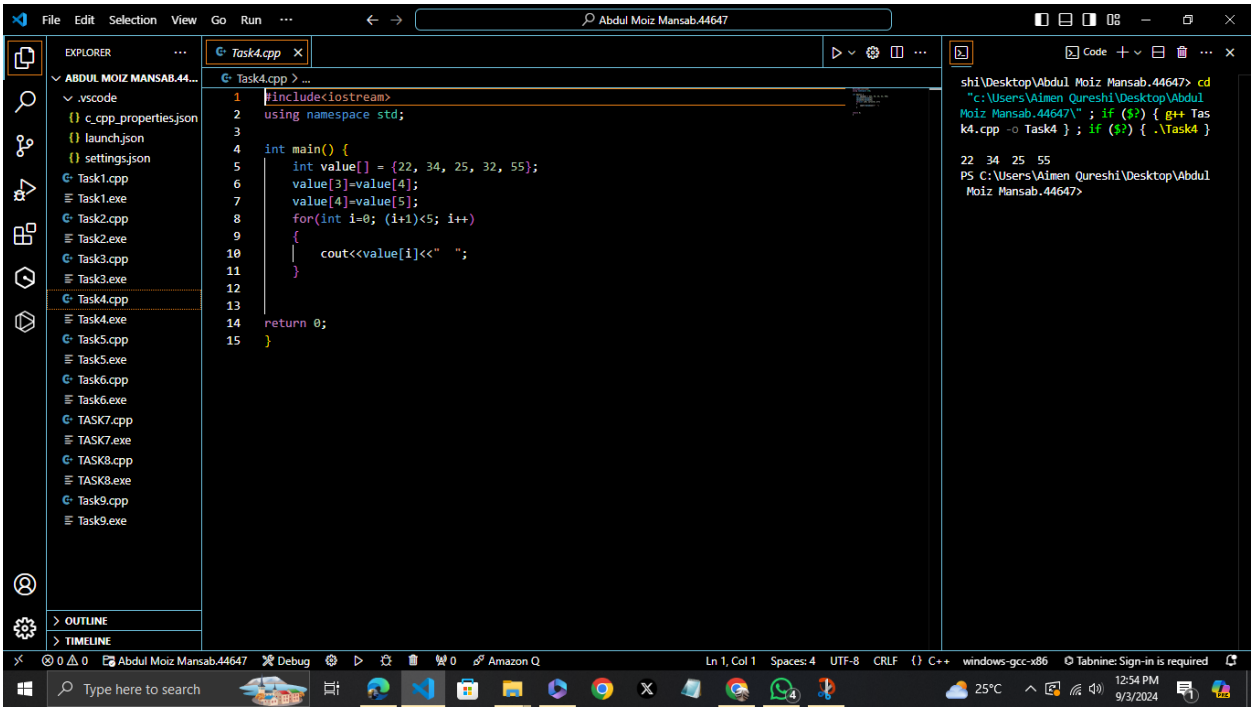
TASK # 3

Code



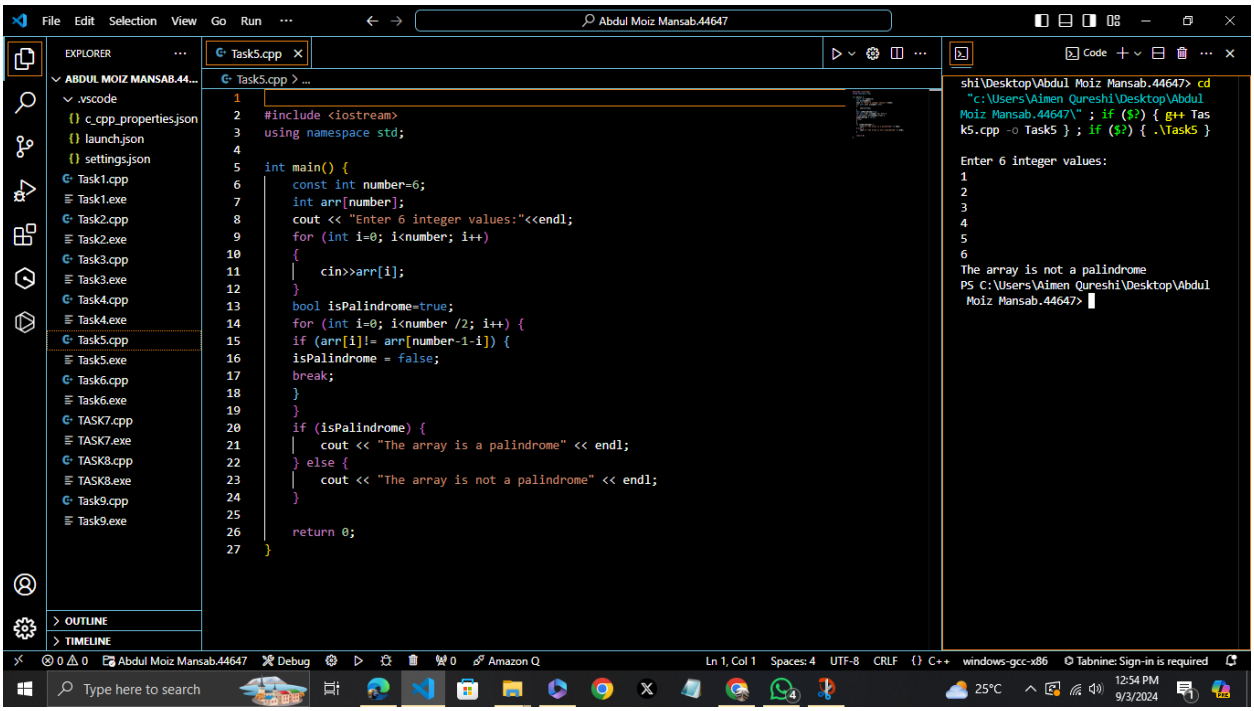
TASK # 4

Code



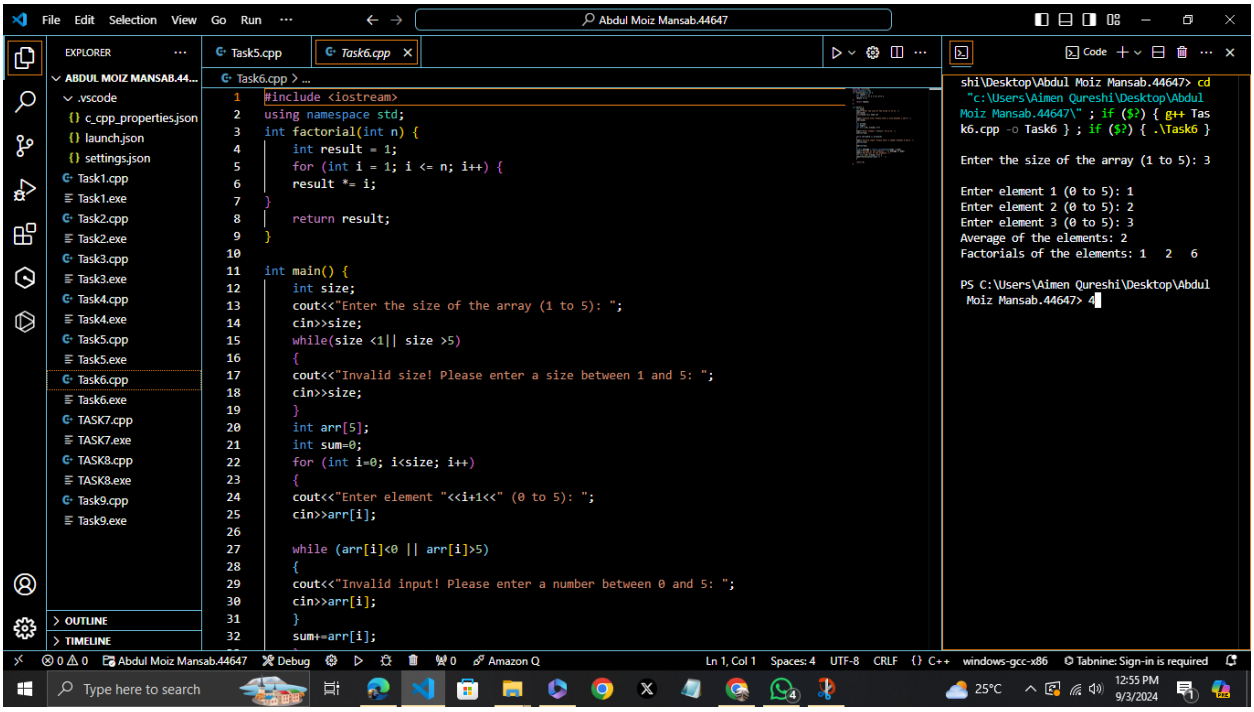
TASK # 5

Code



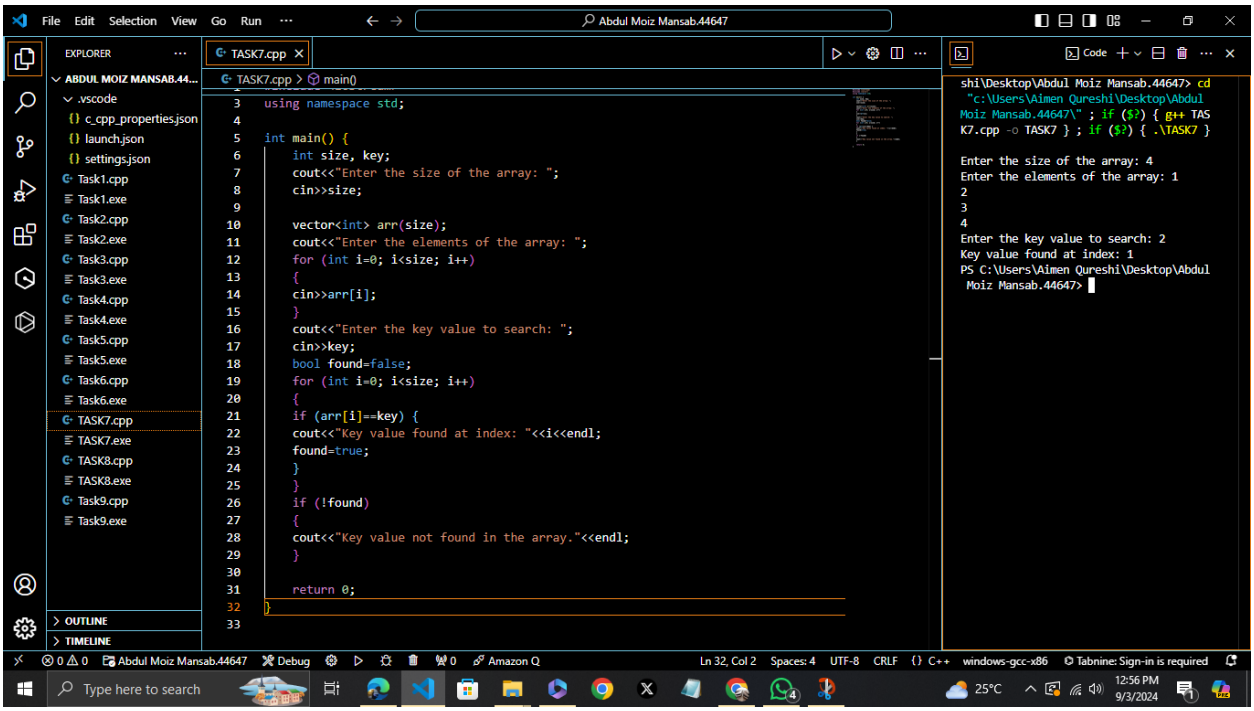
TASK # 6

Code



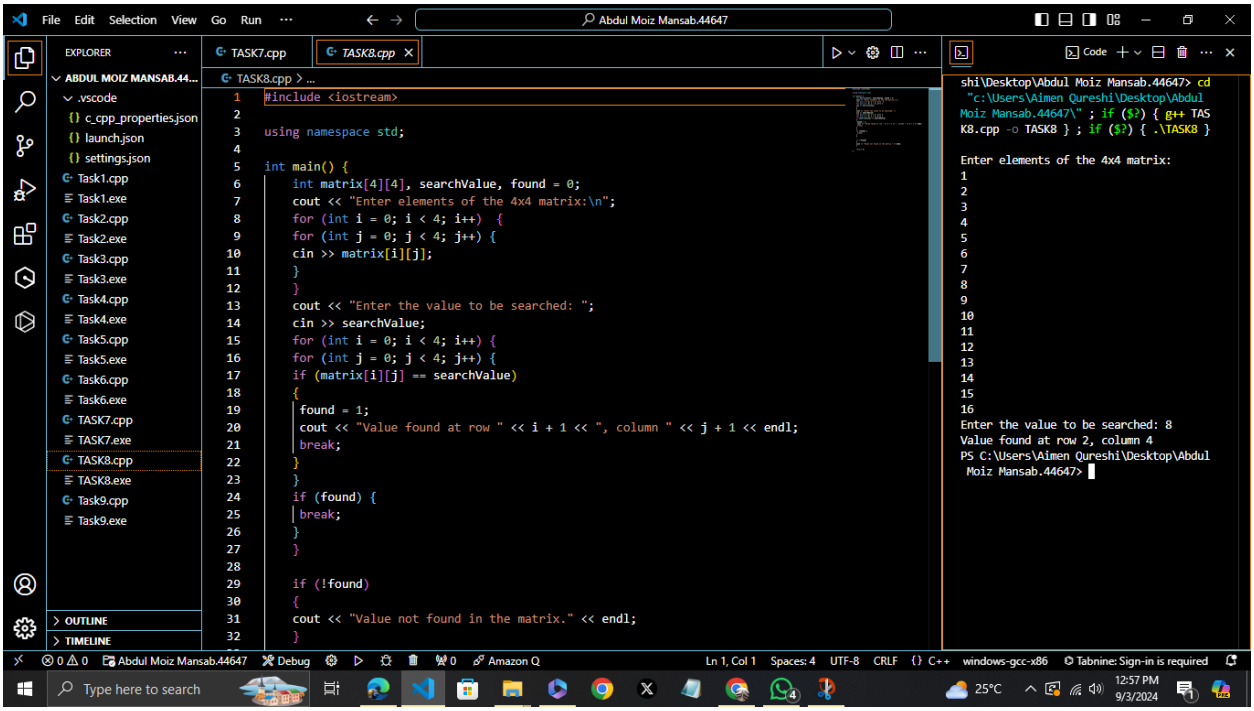
TASK # 7

Code



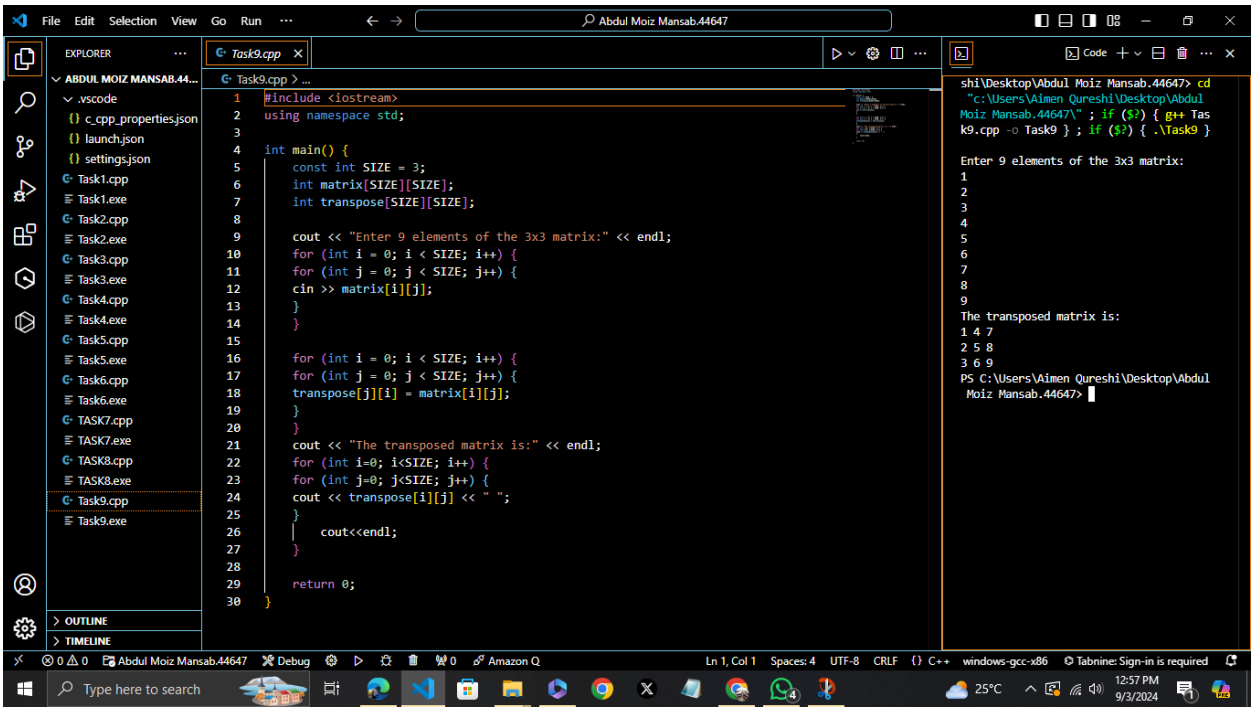
TASK # 8

Code



TASK # 9

Code


File Edit Selection View Go Run
Abdul Moiz Mansab.44647
EXPLORER
ABDUL MOIZ MANSAB.44...
.vscode
c_cpp_properties.json
launch.json
settings.json
Task1.cpp
Task1.exe
Task2.cpp
Task2.exe
Task3.cpp
Task3.exe
Task4.cpp
Task4.exe
Task5.cpp
Task5.exe
Task6.cpp
Task6.exe
TASK7.cpp
TASK7.exe
TASK8.cpp
TASK8.exe
Task9.cpp
Task9.exe
OUTLINE
TIMELINE
Task9.cpp
Task9.cpp > ...
#include <iostream>
using namespace std;
int main() {
const int SIZE = 3;
int matrix[SIZE][SIZE];
int transpose[SIZE][SIZE];
cout << "Enter 9 elements of the 3x3 matrix:" << endl;
for (int i = 0; i < SIZE; i++) {
for (int j = 0; j < SIZE; j++) {
cin >> matrix[i][j];
}
}
for (int i = 0; i < SIZE; i++) {
for (int j = 0; j < SIZE; j++) {
transpose[j][i] = matrix[i][j];
}
}
cout << "The transposed matrix is:" << endl;
for (int i=0; i<SIZE; i++) {
for (int j=0; j<SIZE; j++) {
cout << transpose[i][j] << " ";
}
cout<<endl;
}
return 0;
}
Code
shi\Desktop\Abdul Moiz Mansab.44647> cd "c:\Users\Aimen Qureshi\Desktop\Abdul Moiz Mansab.44647\" ; if ($?) { g++ Task9.cpp -o Task9 } ; if ($?) { .\Task9 }
Enter 9 elements of the 3x3 matrix:
1
2
3
4
5
6
7
8
9
The transposed matrix is:
1 4 7
2 5 8
3 6 9
PS C:\Users\Aimen Qureshi\Desktop\Abdul Moiz Mansab.44647>
Abdul Moiz Mansab.44647
Debug
Amazon Q
Ln 1, Col 1
Spaces: 4
UTF-8
CRLF
C++
windows-gcc-x86
Tabnine: Sign-in is required
Type here to search
25°C
12:57 PM
9/3/2024