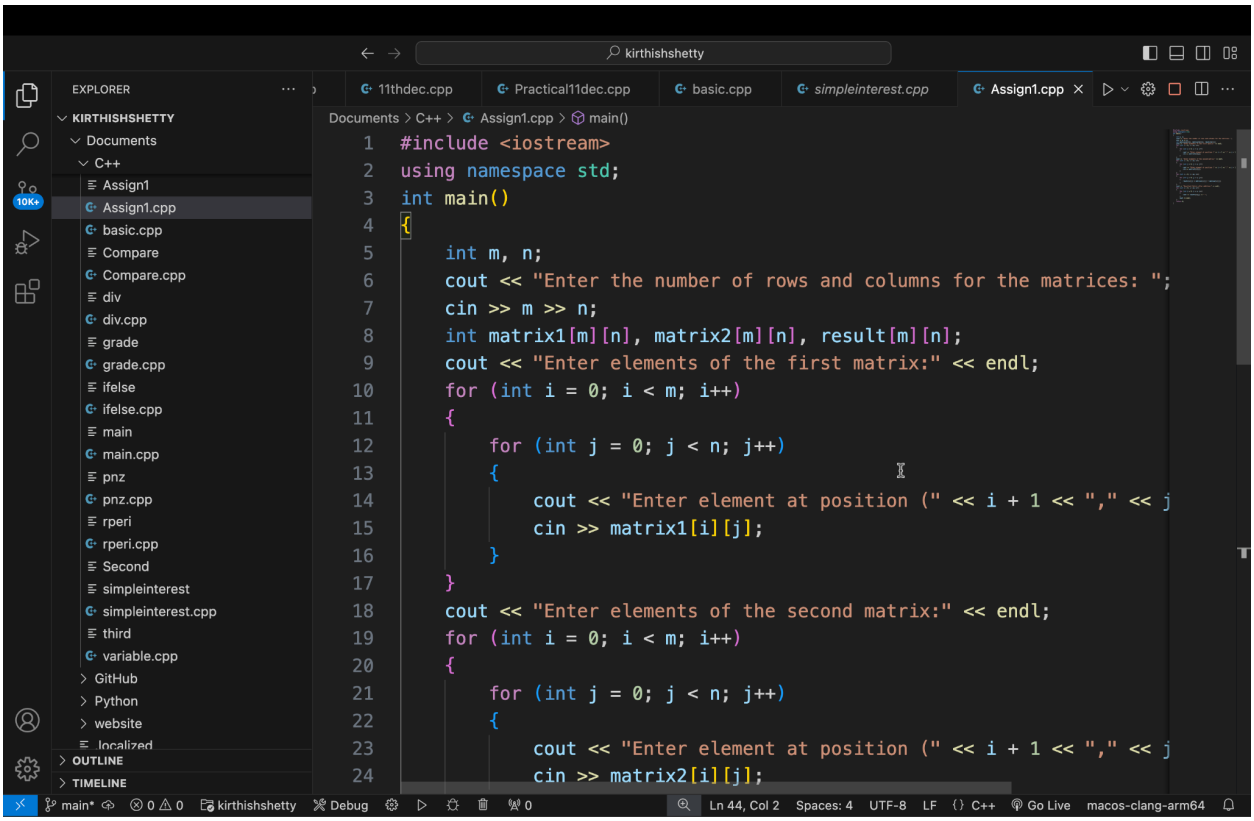
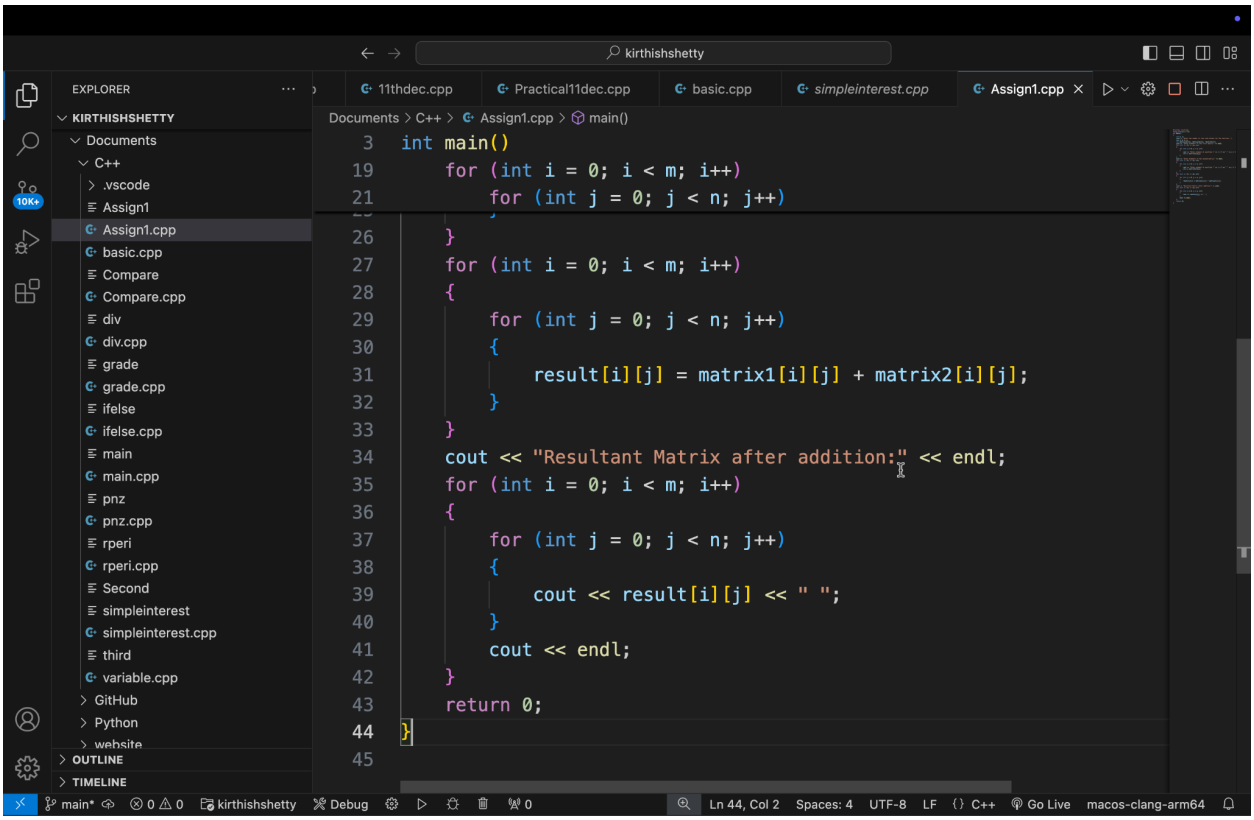
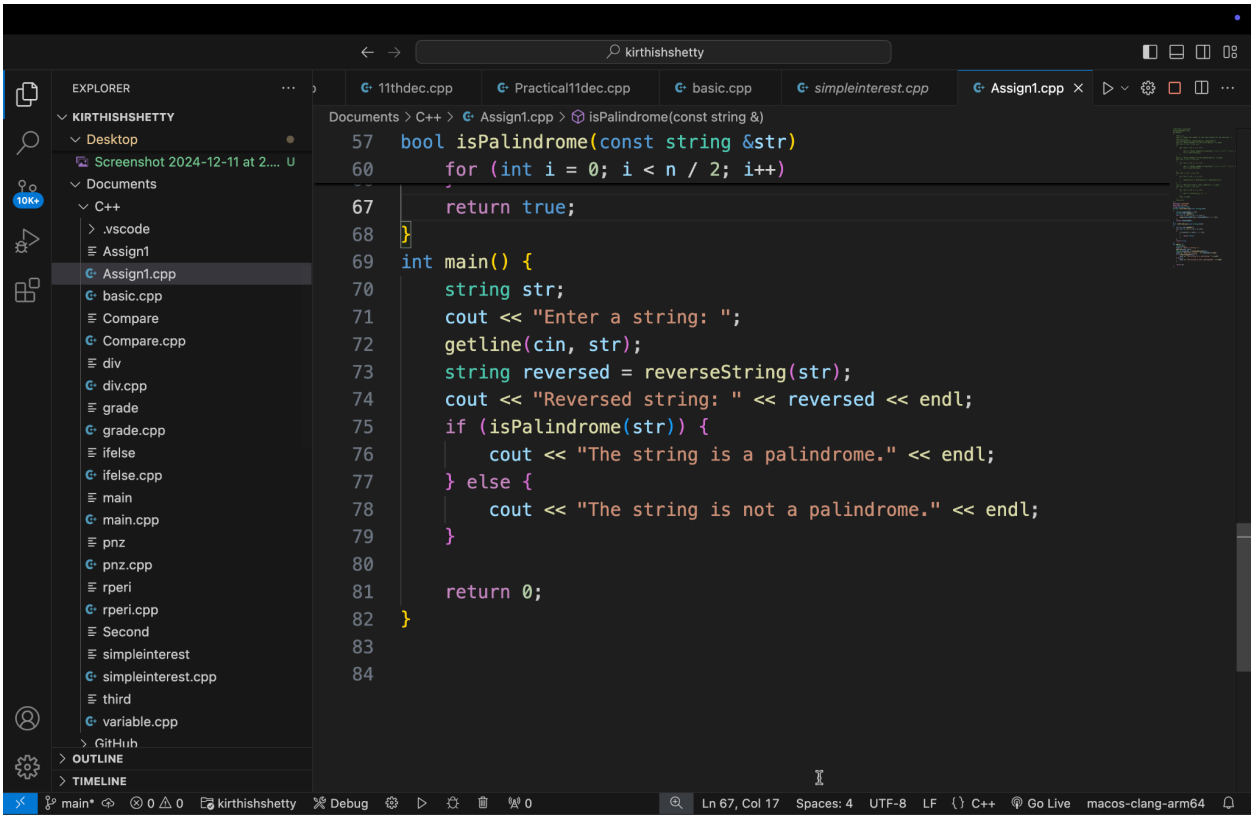
Assignment 1

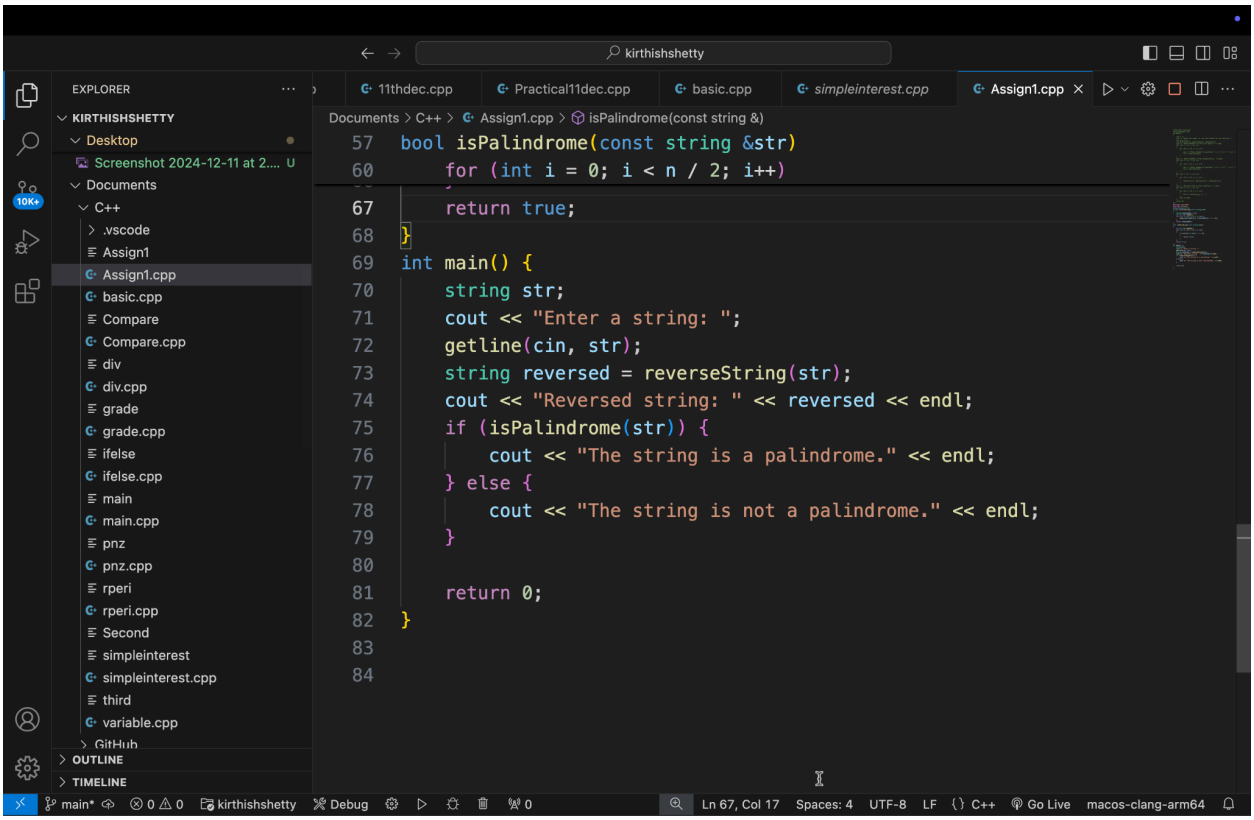
1.Create a program for matrix operations(addition)



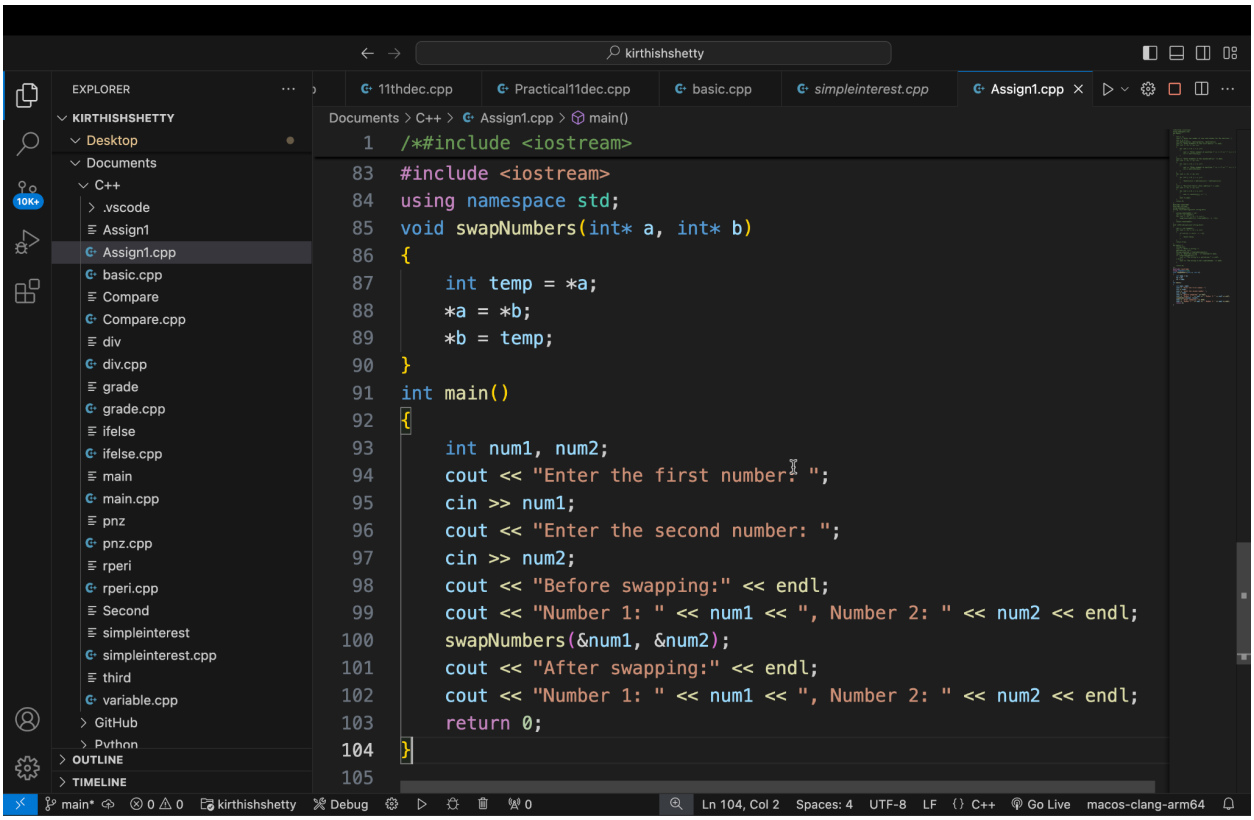

kirthishshetty
EXPLORER
KIRTHISHSHETTY
Documents
C++
.vscode
Assign1
Assign1.cpp
basic.cpp
Compare
Compare.cpp
div
div.cpp
grade
grade.cpp
ifelse
ifelse.cpp
main
main.cpp
pnz
pnz.cpp
rperi
rperi.cpp
Second
simpleinterest
simpleinterest.cpp
third
variable.cpp
GitHub
Python
website
OUTLINE
TIMELINE
11thdec.cpp
Practical11dec.cpp
basic.cpp
simpleinterest.cpp
Assign1.cpp
Documents > C++ > Assign1.cpp > main()
int main()
for (int i = 0; i < m; i++)
for (int j = 0; j < n; j++)
}
for (int i = 0; i < m; i++)
{
for (int j = 0; j < n; j++)
{
result[i][j] = matrix1[i][j] + matrix2[i][j];
}
}
cout << "Resultant Matrix after addition:" << endl;
for (int i = 0; i < m; i++)
{
for (int j = 0; j < n; j++)
{
cout << result[i][j] << " ";
}
cout << endl;
}
return 0;
}
main*
0 0
kirthishshetty
Debug
0
Ln 44, Col 2
Spaces: 4
UTF-8
LF
C++
Go Live
macos-clang-arm64

2.Implement a program for string manipulation(reverse , palindrome check)

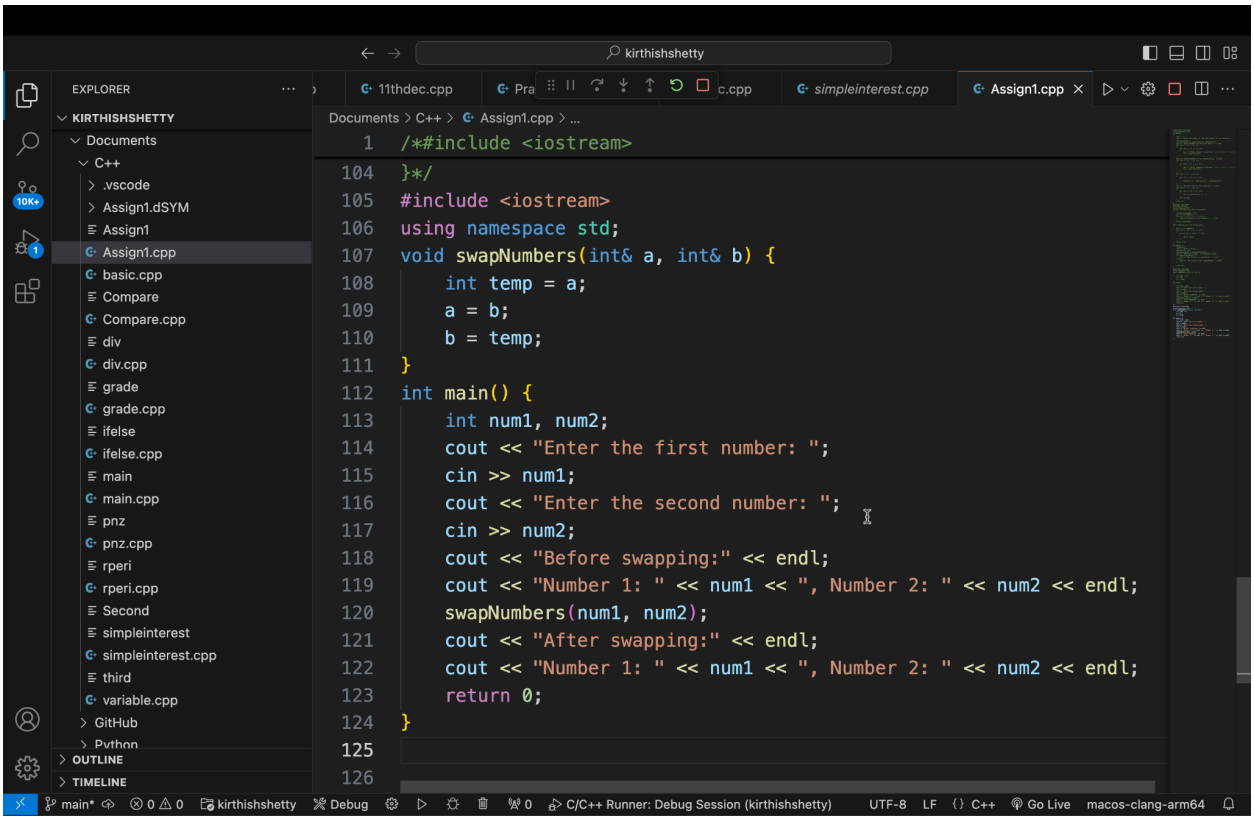




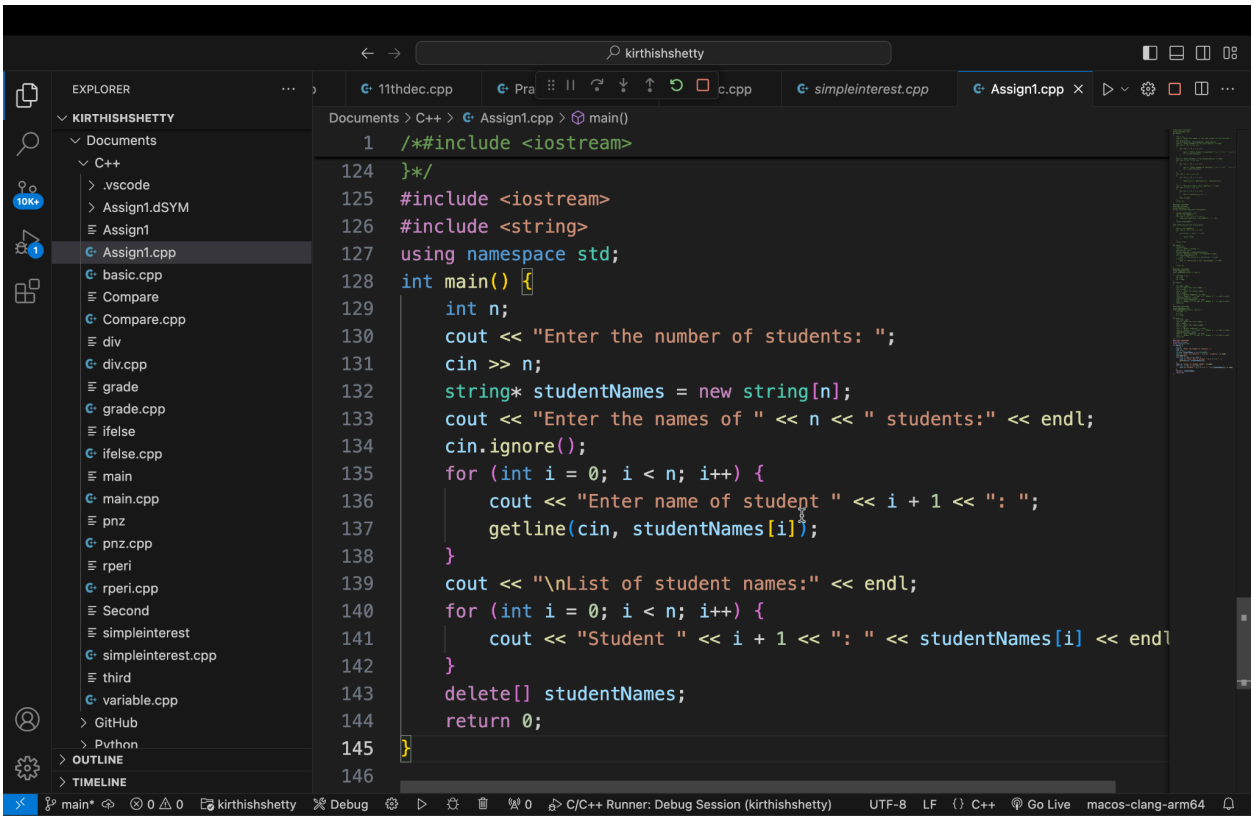
3.Develop a program to swap two numbers using pointers



4.Swap number using reference variables



5.Create a dynamic array for storing name of student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EXPLORER
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C++
.vscode
Assign1.dSYM
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simpleinterest.cpp
third
variable.cpp
GitHub
Python
OUTLINE
TIMELINE
11thdec.cpp
simpleinterest.cpp
Assign1.cpp
Documents > C++ > Assign1.cpp > main()
/*#include <iostream>
}*/
#include <iostream>
#include <string>
using namespace std;
int main() {
int n;
cout << "Enter the number of students: ";
cin >> n;
string* studentNames = new string[n];
cout << "Enter the names of " << n << " students:" << endl;
cin.ignore();
for (int i = 0; i < n; i++) {
cout << "Enter name of student " << i + 1 << ": ";
getline(cin, studentNames[i]);
}
cout << "\nList of student names:" << endl;
for (int i = 0; i < n; i++) {
cout << "Student " << i + 1 << ": " << studentNames[i] << endl
}
delete[] studentNames;
return 0;
}
main*
kirthishshetty
Debug
C/C++ Runner: Debug Session (kirthishshetty)
UTF-8
LF
C++
Go Live
macos-clang-arm64