

The screenshot shows a C++ IDE with the following components:

- Projects Panel:** Lists various projects including "CPPTemplate" and "Gaddis_9thEd_Chap2_Prob01_SumOfTwoNumbers".
- Source Files:** Shows the file structure for "sumoftwonumbers.cpp", including "Header Files", "Resource Files", "Source Files", "Test Files", and "Important Files".
- Source Code:** The main code file "sumoftwonumbers.cpp" is open, showing the following code:

```
1  /*
2  * File: sumoftwonumbers.cpp
3  * Author: Kevin Morris
4  * Created on June 24, 2022, 7:08 PM
5  * Purpose: Write a program that stores the integers 50 and 100 in variables,
6  * and stores the sum of these two in a variable named total.
7  */
8  //System Libraries
9  #include <iostream>
10 using namespace std;
11 //User Libraries
12 //Global Constants
13 //Mathematical/Physics/Conversions, Higher dimensioned arrays
14 //Function Prototypes
15 //Execution Begins Here
16 int main(int argc, char**argv) {
17     // Initialize the Random Number Seed
18     //Declare Variables
19     float bkBdgt,ntbkBdgt,total;//total=total cost of both note & school books.
20     bkBdgt=1e2;//bkBdgt=cost of the school books.
21     ntbkBdgt=5e1;//ntbkBdgt=cost of the note books.
22     //Initialize Variables
23     total= bkBdgt+ntbkBdgt;
24     //Map inputs to outputs-> The Process
25     //Display Results
26     cout <<"All of the students will agree," ;
27     cout<<" the cost for course materials is on an incline. "<<endl;
28     cout <<"Last year, my course materials for school were only $50. "<<endl;
29     cout <<"This year, my course materials were double that cost, "<<endl;
30     cout<<"and I had to pay $100. "<<endl;
31     cout <<"To sum things up,";
32     cout<<" this year the total cost of school books came to $" <<(total);
33     cout<<". "<<endl;
34     //Exit stage right
35     return 0;
36 }
```
- Navigator:** Shows the "main(int argc, char** argv) - Navigator" with a single entry "main(int argc, char** argv)".
- Output:** The output window shows the results of the program run:

```
Output - Gaddis_9thEd_Chap2_Prob01_SumOfTwoNumbers (Run) X
All of the students will agree, the cost for course materials is on an incline.
Last year, my course materials for school were only $50.
This year, my course materials were double that cost,
and I had to pay $100.
To sum things up, this year the total cost of school books came to $150.
RUN SUCCESSFUL (total time: 131ms)
```