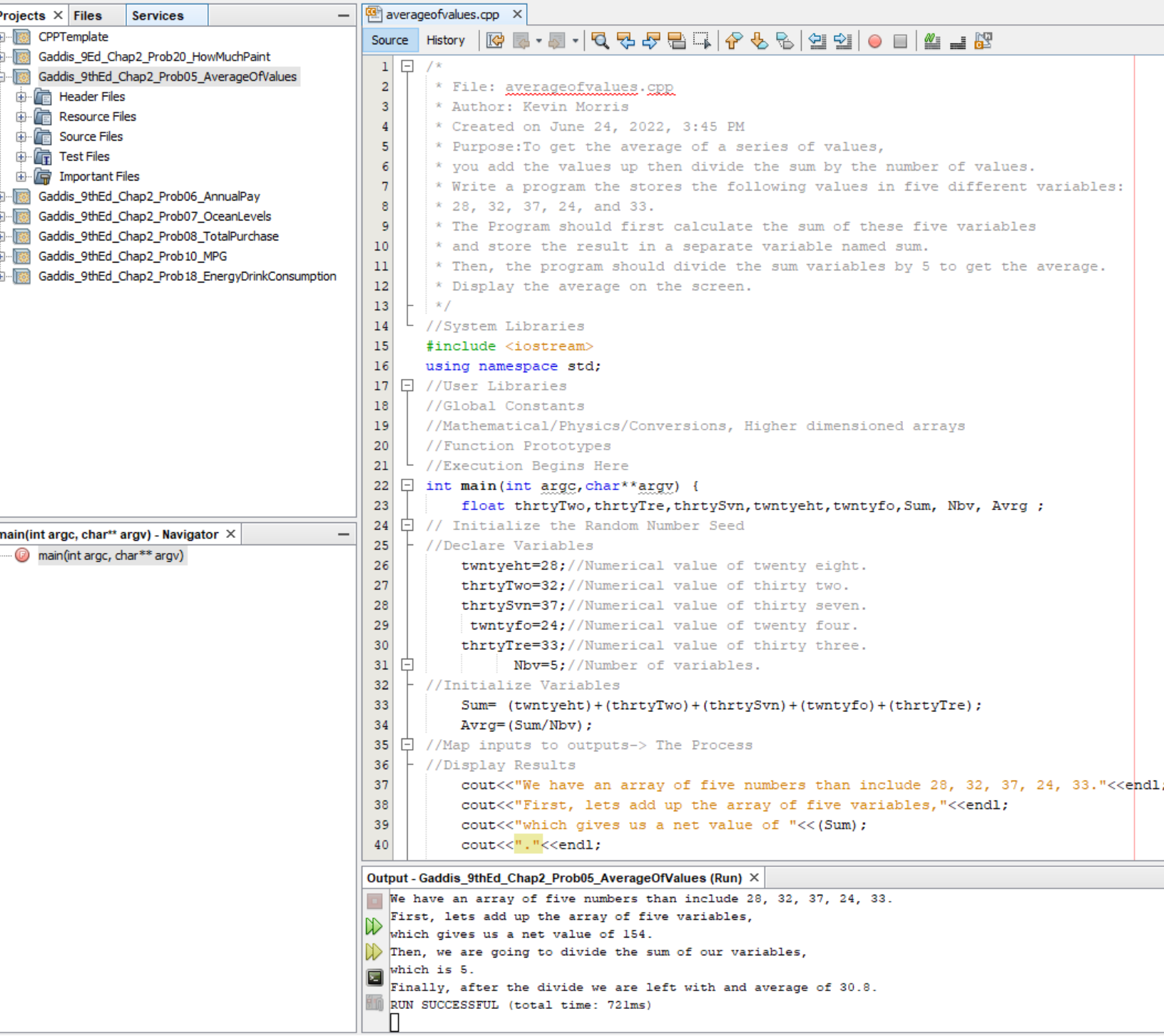
Projects
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CPPTemplate
Gaddis_9Ed_Chap2_Prob20_HowMuchPaint
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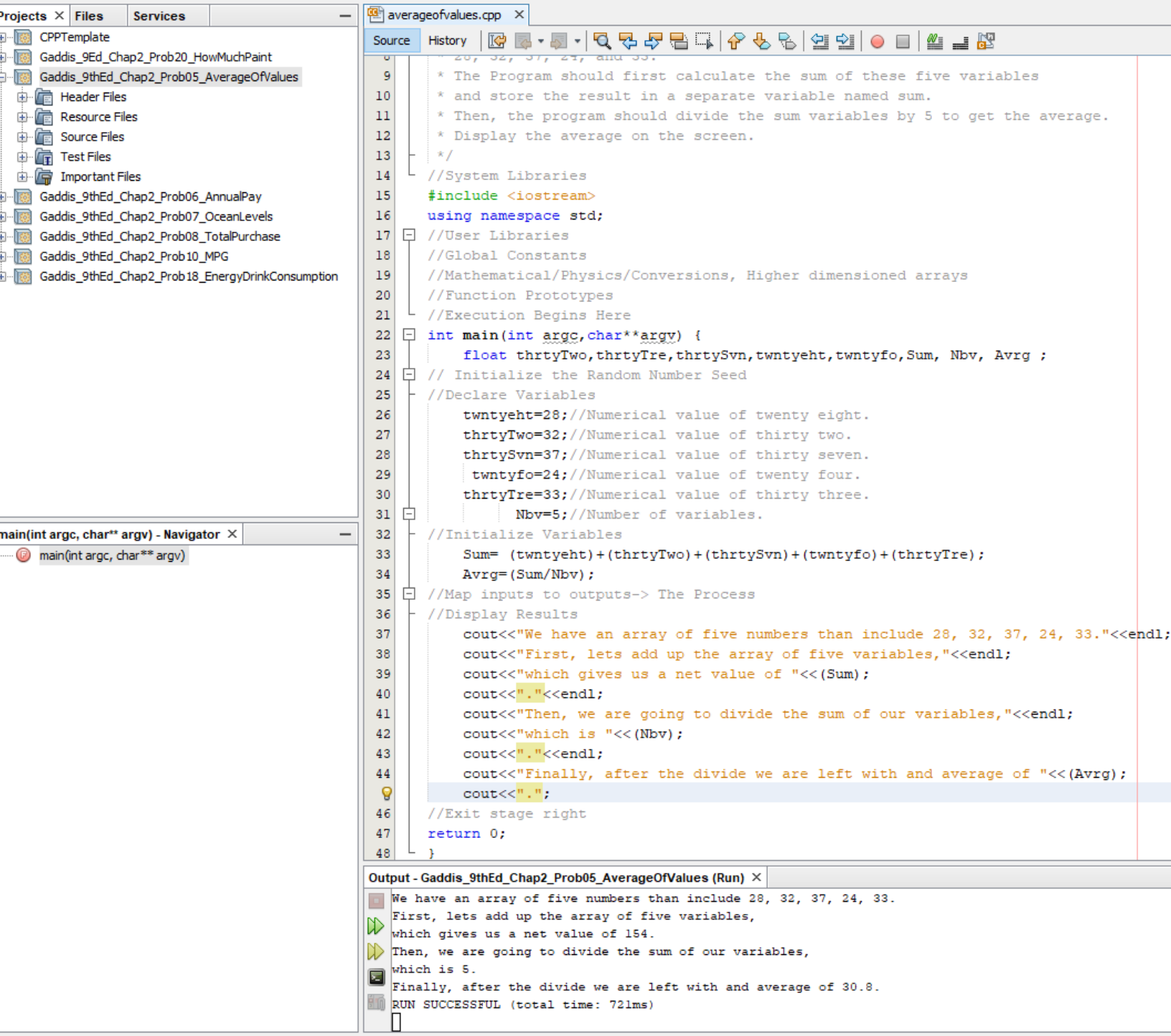
Gaddis_9thEd_Chap2_Prob18_EnergyDrinkConsumption
main(int argc, char** argv) - Navigator
main(int argc, char** argv)
averageofvalues.cpp
Source
History
1 /*
2 * File: averageofvalues.cpp
3 * Author: Kevin Morris
4 * Created on June 24, 2022, 3:45 PM
5 * Purpose:To get the average of a series of values,
6 * you add the values up then divide the sum by the number of values.
7 * Write a program the stores the following values in five different variables:
8 * 28, 32, 37, 24, and 33.
9 * The Program should first calculate the sum of these five variables
10 * and store the result in a separate variable named sum.
11 * Then, the program should divide the sum variables by 5 to get the average.
12 * Display the average on the screen.
13 */
14 //System Libraries
15 #include <iostream>
16 using namespace std;
17 //User Libraries
18 //Global Constants
19 //Mathematical/Physics/Conversions, Higher dimensioned arrays
20 //Function Prototypes
21 //Execution Begins Here
22 int main(int argc,char**argv) {
23 float thrtyTwo,thrtyTre,thrtySvn,twntyeht,twntyfo,Sum, Nbv, Avrg ;
24 // Initialize the Random Number Seed
25 //Declare Variables
26 twntyeht=28;//Numerical value of twenty eight.
27 thrtyTwo=32;//Numerical value of thirty two.
28 thrtySvn=37;//Numerical value of thirty seven.
29 twntyfo=24;//Numerical value of twenty four.
30 thrtyTre=33;//Numerical value of thirty three.
31 Nbv=5;//Number of variables.
32 //Initialize Variables
33 Sum= (twntyeht)+(thrtyTwo)+(thrtySvn)+(twntyfo)+(thrtyTre);
34 Avrg=(Sum/Nbv);
35 //Map inputs to outputs-> The Process
36 //Display Results
37 cout<<"We have an array of five numbers than include 28, 32, 37, 24, 33."<<endl;
38 cout<<"First, lets add up the array of five variables,"<<endl;
39 cout<<"which gives us a net value of "<<(Sum);
40 cout<<"."<<endl;
Output - Gaddis_9thEd_Chap2_Prob05_AverageOfValues (Run)
We have an array of five numbers than include 28, 32, 37, 24, 33.
First, lets add up the array of five variables,
which gives us a net value of 154.
Then, we are going to divide the sum of our variables,
which is 5.
Finally, after the divide we are left with and average of 30.8.
RUN SUCCESSFUL (total time: 721ms)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Gaddis_9thEd_Chap2_Prob10_MPG
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main(int argc, char** argv) - Navigator
main(int argc, char** argv)
averageofvalues.cpp
Source
History
* The Program should first calculate the sum of these five variables
* and store the result in a separate variable named sum.
* Then, the program should divide the sum variables by 5 to get the average.
* Display the average on the screen.
*/
//System Libraries
#include <iostream>
using namespace std;
//User Libraries
//Global Constants
//Mathematical/Physics/Conversions, Higher dimensioned arrays
//Function Prototypes
//Execution Begins Here
int main(int argc,char**argv) {
float thrtyTwo,thrtyTre,thrtySvn,twntyeht,twntyfo,Sum, Nbv, Avrg ;
// Initialize the Random Number Seed
//Declare Variables
twntyeht=28;//Numerical value of twenty eight.
thrtyTwo=32;//Numerical value of thirty two.
thrtySvn=37;//Numerical value of thirty seven.
twntyfo=24;//Numerical value of twenty four.
thrtyTre=33;//Numerical value of thirty three.
Nbv=5;//Number of variables.
//Initialize Variables
Sum= (twntyeht)+(thrtyTwo)+(thrtySvn)+(twntyfo)+(thrtyTre);
Avrg=(Sum/Nbv);
//Map inputs to outputs-> The Process
//Display Results
cout<<"We have an array of five numbers than include 28, 32, 37, 24, 33."<<endl;
cout<<"First, lets add up the array of five variables,"<<endl;
cout<<"which gives us a net value of "<<(Sum);
cout<<"."<<endl;
cout<<"Then, we are going to divide the sum of our variables,"<<endl;
cout<<"which is "<<(Nbv);
cout<<"."<<endl;
cout<<"Finally, after the divide we are left with and average of "<<(Avrg);
cout<<".";
//Exit stage right
return 0;
}
Output - Gaddis_9thEd_Chap2_Prob05_AverageOfValues (Run)
We have an array of five numbers than include 28, 32, 37, 24, 33.
First, lets add up the array of five variables,
which gives us a net value of 154.
Then, we are going to divide the sum of our variables,
which is 5.
Finally, after the divide we are left with and average of 30.8.
RUN SUCCESSFUL (total time: 721ms)