CIS-251

Program #2

Tinsley Devers

September 8th, 2024

1. IDE screenshotA screenshot of a computer program

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2. Complete source code

//

// Program Assignment #2

//

// Created by Tinsley Devers on 09.08.2024

// https://github.com/TinsleyDevers

//

// This program calculates the total cost of five items, the sales tax, and the total cost of the purchase.

//

#include <iostream>

using namespace std;

// Main function

int main()

{

  // Declares variables and calculates the costs

  double item1 = 15.95;

  double item2 = 24.95;

  double item3 = 6.95;

  double item4 = 12.95;

  double item5 = 3.95;

  double subtotal = item1 + item2 + item3 + item4 + item5;

  double tax = subtotal \* 0.07;

  double total = subtotal + tax;

  // Prints the total cost of the five items, the sales tax, and the total cost of the entire purchase

  cout << "Item 1: $" << item1 << endl;

  cout << "Item 2: $" << item2 << endl;

  cout << "Item 3: $" << item3 << endl;

  cout << "Item 4: $" << item4 << endl;

  cout << "Item 5: $" << item5 << endl;

  cout << "Subtotal: $" << subtotal << endl;

  cout << "Tax: $" << tax << endl;

  cout << "Total: $" << total << endl;

  // Stops the application from instantly closing

  system("pause");

  // Ends the program

  return 0;

}

1. Output screenshotA screenshot of a computer

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