Consolidated Assignment 1 Report

This report contains the graded results for the newest of each exercise submitted to the assignment checker prior to 4/10/2020 1:13:25 PM PDT.

Student Name: Shaun Chemplavil
Student ID: U08713628
Contact e-mail: shaun.chemplavil@gmail.com
C/C++ Programming I (Section 146359)

Submitted:
- Exercise 0: 4/3/2020 8:01:45 AM PDT
- Exercise 1: 4/1/2020 7:16:04 PM PDT
- Exercise 2: 4/4/2020 5:55:47 AM PDT

Score (out of 20 possible): 20

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For help please contact the instructor at the email address provided on the "Announcements" page of the course website. The assignment checker DOES NOT GRADE your submissions but merely reports on issues so you can correct them and resubmit, thereby avoiding unnecessary credit loss. ALL GRADING IS DONE MANUALLY BY THE INSTRUCTOR after the assignment deadline based solely upon the NEWEST submission of each exercise. BE WARY of correcting minor issues after the deadline because a late deduction will usually be much greater than a minor issue deduction.

From: Shaun Chemplavil <mailto:schemp98@hotmail.com>
Subject: C1A1E0_U08713628
Submitted: 4/3/2020 8:01:45 AM PDT
Course: C/C++ Programming I (Section 146359)
Student's name: Shaun Chemplavil
Contact email: schemp98@hotmail.com
Student ID: U08713628
Assignment 1, Exercise 0
Exercise point value: 6
File submitted:
C1A1E0_Quiz.txt

NOTE: The assignment checker does not check the correctness of quiz answers for this assignment.

Your submission has been accepted and will be graded manually by the instructor. You may resubmit it as many times as you wish before the assignment deadline. BE WARY of correcting minor issues after the deadline because a late deduction will usually be much greater than a minor issue deduction.

All Correct!

Shaun Chemplavil U08713628
schemp98@hotmail.com
C/C++ Programming I : Fundamental Programming Concepts
146359 Raymond L. Mitchell, Jr., M.S.
04/03/2020
C1A1E0_Quiz.txt
Answers to Quiz 1

1. D
2. E
3. B
4. B
5. D
6. A

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From: Shaun Chemplavil <mailto:schemp98@hotmail.com>
Subject: C1A1E1_U08713628
Submitted: 4/1/2020 7:16:04 PM PDT
Course: C/C++ Programming I (Section 146359)
Student's name: Shaun Chemplavil
Contact email: schemp98@hotmail.com
Student ID: U08713628
Assignment 1, Exercise 1
Exercise point value: 7
File submitted:
C1A1E1_main.cpp

"Compile-time" results:
No "compile-time" issues;
"Run-time" results:
Program ran - No errors detected during preliminary testing (SEE ATTACHMENT);

```
1
//
// Shaun Chemplavil U08713628
// schemp98@hotmail.com
// C / C++ Programming I : Fundamental Programming Concepts
// 146359 Raymond L.Mitchell, Jr., M.S.
// 04 / 01 / 2020
// C1A1E1_main.cpp
// Win10
// Visual C++ 19.0
//
// This file contains the most appropriate form of expressions
//

#include <iostream>
using namespace std;

int main()
{
   cout <<
      "\"ax = ax + bx\" should be \"ax += bx\"\n"
      "\"ax = ax / -bx\" should be \"ax /= -bx\"\n"
      "\"ax = bx / ax\" should be \"ax = bx / ax\"\n"  // no change
      "\"ax = -1 * ax\" should be \"ax = -ax\"\n"
      "\"ax = -ax * ax\" should be \"ax *= -ax\"\n"
      "\"ax = -bx * ax\" should be \"ax *= -bx\"\n"
      "\"ax = bx - ax\" should be \"ax = bx - ax\"\n"  // no change
      "\"ax = 2 + ax\" should be \"ax += 2\"\n"
      "\"ax = 1 + ax\" should be \"++ax\" or \"ax++\"\n"
      "\"ax = ax - 37\" should be \"ax -= 37\"\n"
      "\"ax = ax - 1\" should be \"--ax\" or \"ax--\"\n"
      "\"ax *= -1\" should be \"ax = -ax\"\n"
      "\"ax /= -1\" should be \"ax = -ax\"\n"
      "\"ax = 0 - ax\" should be \"ax = -ax\"\n";
   return 0;
}
```

********** C1 ASSIGNMENT 1 EXERCISE 1 AUTOMATIC PROGRAM RUN RESULTS **********

********** THE RESULTS BELOW HAVE BEEN PARTIALLY CHECKED AND **********
**********   NO ERRORS WERE FOUND. HOWEVER, THIS DOES NOT   **********
********** NECESSARILY MEAN THAT THERE ARE NO ERRORS. THE **********
**********   THE INSTRUCTOR WILL DO A MORE THOROUGH CHECK   **********
**********   DURING MANUAL GRADING.   **********

-------------------------------- START OF RUN --------------------------------

"ax = ax + bx" should be "ax += bx"
"ax = ax / -bx" should be "ax /= -bx"
"ax = bx / ax" should be "ax = bx / ax"
"ax = -1 * ax" should be "ax = -ax"
"ax = -ax * ax" should be "ax *= -ax"
"ax = -bx * ax" should be "ax *= -bx"
"ax = bx - ax" should be "ax = bx - ax"
"ax = 2 + ax" should be "ax += 2"
"ax = 1 + ax" should be "++ax" or "ax++"
"ax = ax - 37" should be "ax -= 37"
"ax = ax - 1" should be "--ax" or "ax--"
"ax *= -1" should be "ax = -ax"
"ax /= -1" should be "ax = -ax"
"ax = 0 - ax" should be "ax = -ax"

--------------------------------- END OF RUN ---------------------------------

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From: Shaun Chemplavil <mailto:schemp98@hotmail.com>
Subject: C1A1E2_U08713628
Submitted: 4/4/2020 5:55:47 AM PDT
Course: C/C++ Programming I (Section 146359)
Student's name: Shaun Chemplavil
Contact email: schemp98@hotmail.com
Student ID: U08713628
Assignment 1, Exercise 2
Exercise point value: 7
File submitted:
C1A1E2_main.c

"Compile-time" results:
No "compile-time" issues;
"Run-time" results:
Program ran - No errors detected during preliminary testing (SEE ATTACHMENT);

```
1
//
// Shaun Chemplavil U08713628
// schemp98@hotmail.com
// C / C++ Programming I : Fundamental Programming Concepts
// 146359 Raymond L. Mitchell Jr.
// 04 / 04 / 2020
// C1A1E2_main.c
// Win10
// Visual C++ 19.0
//
// This file will take user input (u) and display the result of a function
//

#include <stdio.h>

int main(void)
{
   // Declare User Input (u), Result (r)
   double u, r;

   // Request and Store User Input
   printf("%s", "Enter a decimal value: ");
   scanf("%lf", &u);

   // Calculate result (r)
   r = 3.0 * u * u * u - 5.0 * u * u + 6.0;

   printf("%s%g%s%g%c", "If x = ", u,
      " the value of \"3x^3 - 5x^2 + 6\" is ", r, '\n');

   return 0;
}
```

```
********** C1 ASSIGNMENT 1 EXERCISE 2 AUTOMATIC PROGRAM RUN RESULTS **********

************* THE RESULTS BELOW HAVE BEEN PARTIALLY CHECKED AND **************
*************   NO ERRORS WERE FOUND.  HOWEVER, THIS DOES NOT   **************
*************  NECESSARILY MEAN THAT THERE ARE NO ERRORS.  THE  **************
*************   THE INSTRUCTOR WILL DO A MORE THOROUGH CHECK    **************
*************              DURING MANUAL GRADING.                **************


------------------------------ START OF 1ST RUN ------------------------------

Enter a decimal value: -2.2
If x = -2.2 the value of "3x^3 - 5x^2 + 6" is -50.144

------------------------------- END OF 1ST RUN -------------------------------

------------------------------ START OF 2ND RUN ------------------------------

Enter a decimal value: -0.3
If x = -0.3 the value of "3x^3 - 5x^2 + 6" is 5.469

------------------------------- END OF 2ND RUN -------------------------------

------------------------------ START OF 3RD RUN ------------------------------

Enter a decimal value: 1.5
If x = 1.5 the value of "3x^3 - 5x^2 + 6" is 4.875

------------------------------- END OF 3RD RUN -------------------------------
```