

Consolidated Assignment 1 Report

This report contains the graded results for the newest of each exercise submitted to the assignment checker prior to 1/19/2022 12:05:59 AM PST.

Student Name: Phillip Ward
Student ID: U09339367
Contact email: phillip.ward@seagate.com
C/C++ Programming I (Section 162461)

Submitted:

Exercise 0: 1/15/2022 10:02:56 AM PST
Exercise 1: 1/16/2022 4:06:57 PM PST
Exercise 2: 1/16/2022 4:04:13 PM PST

Score (out of 20 possible): 18

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For help please contact the instructor at the email address provided on the "Home" page of the course's Canvas website. The assignment checker DOES NOT GRADE your submissions but merely reports on issues so you can avoid credit loss by making corrections and resubmitting. ALL GRADING IS DONE MANUALLY BY THE INSTRUCTOR after the assignment deadline based solely upon the NEWEST submission of each exercise that was submitted BEFORE THE ASSIGNMENT DEADLINE. NO CREDIT will be given for anything submitted after the deadline.

From: Phillip Ward <mailto:phillip.ward@seagate.com>
Subject: C1A1E0_162461_U09339367
Submitted: 1/15/2022 10:02:56 AM PST
Course: C/C++ Programming I (Section 162461)
Student's name: Phillip Ward
Contact email: phillip.ward@seagate.com
Student ID: U09339367
Assignment 1, Exercise 0 (005715414M01005X72715)
Exercise point value: 6
File submitted:
C1A1E0_Quiz.txt

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

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. NO CREDIT will be given for anything submitted after the deadline.

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Phillip Ward U09339367
Phillip.Ward@seagate.com
C/C++ Programming I
162461 Ray Mitchell
01/15/2022
C1A1E0_Quiz.txt
Quiz Answers

1. D
2. **B** <---C
3. B
4. **A** <---D
5. B
6. A

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From: Phillip Ward <mailto:phillip.ward@seagate.com>
Subject: C1A1E1_162461_U09339367
Submitted: 1/16/2022 4:06:57 PM PST
Course: C/C++ Programming I (Section 162461)
Student's name: Phillip Ward
Contact email: phillip.ward@seagate.com
Student ID: U09339367
Assignment 1, Exercise 1 (001373353M01005X41373)
Exercise point value: 7
File submitted:
 C1A1E1_main.cpp

"Static analysis" results:

 No "static" issues;

"Runtime" results:

 Program ran - No errors detected during preliminary testing (SEE ATTACHMENT);

```
1  //
2  // Phillip Ward U09339367
3  // Phillip.Ward@seagate.com
4  // C/C++ Programming I
5  // 162461 Ray Mitchell
6  // 01/15/2022
7  // C1A1E1_main.cpp
8  // Win10
9  // g++ 11.2.0
10 //
11 // A C++ program which takes in an int and
12 // prints its value in decimal, octal and hex
13 //
14
15 #include <iostream>
16 using namespace std;
17
18 int main() {
19     int inputAsInt;
20
21     cout << "Enter any decimal integer numeric value: ";
22     cin >> inputAsInt;
23     cout << inputAsInt << " decimal = " <<
24         oct << inputAsInt << " octal = " <<
25         hex << inputAsInt << " hexadecimal\n";
26     return(0);
27 }
```

***** 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 *****
***** INSTRUCTOR WILL DO A MORE THOROUGH CHECK DURING *****
***** MANUAL GRADING. *****
```

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

Enter any decimal integer numeric value: 0
0 decimal = 0 octal = 0 hexadecimal

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

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

Enter any decimal integer numeric value: 7
7 decimal = 7 octal = 7 hexadecimal

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

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

Enter any decimal integer numeric value: 8
8 decimal = 10 octal = 8 hexadecimal

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

----- START OF 4TH RUN -----

Enter any decimal integer numeric value: 16
16 decimal = 20 octal = 10 hexadecimal

----- END OF 4TH RUN -----

----- START OF 5TH RUN -----

Enter any decimal integer numeric value: 15
15 decimal = 17 octal = f hexadecimal

----- END OF 5TH RUN -----

----- START OF 6TH RUN -----

Enter any decimal integer numeric value: -1
-1 decimal = 3777777777 octal = ffffffff hexadecimal

----- END OF 6TH RUN -----

----- START OF 7TH RUN -----

Enter any decimal integer numeric value: 32767
32767 decimal = 77777 octal = 7fff hexadecimal

----- END OF 7TH RUN -----

----- START OF 8TH RUN -----

Enter any decimal integer numeric value: -32767

-32767 decimal = 37777700001 octal = ffff8001 hexadecimal

----- END OF 8TH RUN -----

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From: Phillip Ward <mailto:phillip.ward@seagate.com>
Subject: C1A1E2_162461_U09339367
Submitted: 1/16/2022 4:04:13 PM PST
Course: C/C++ Programming I (Section 162461)
Student's name: Phillip Ward
Contact email: phillip.ward@seagate.com
Student ID: U09339367
Assignment 1, Exercise 2 (002866411M01005X8866)
Exercise point value: 7
File submitted:
C1A1E2_main.c

"Static analysis" results:

No "static" issues;

"Runtime" results:

Program ran - No errors detected during preliminary testing (SEE ATTACHMENT);


```
1 //  
2 // Phillip Ward U09339367  
3 // Phillip.Ward@seagate.com  
4 // C/C++ Programming I  
5 // 162461 Ray Mitchell  
6 // 01/16/2022  
7 // C1A1E2_main.c  
8 // Win10  
9 // g++ 11.2.0  
10 //  
11 // A C++ program which prints  
12 // a nicely formatted text block  
13 //  
14 #include <stdio.h>  
15  
16 int main(void) {  
17     printf("Poorly formatted code is a red flag to employers.\n"  
18           "\"Good\" programmers format code 100%% correctly.\n"  
19           "The \"newline\" character is represented by \\n.\n"  
20           "Five backslashes: \\\\\\\\\\\\\\\\\\\n"  
21           "Six double quotes: \"\"\"\"\"\"\"\"\"\"\\n"  
22           "Seven percent signs: %%%\\n"  
23           "No partridge and no pear tree!\\n");  
24     return(0);  
25 }
```

Erroneous/misleading information: No information at all is preferable to erroneous or misleading information.

Comment will easily fit onto one line. Why make it harder to read by prematurely splitting it onto more lines than necessary? See pages 8-12 of the course document titled "Using The Compiler's IDE – Visual Studio 2022".

***** 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 *****
***** INSTRUCTOR WILL DO A MORE THOROUGH CHECK DURING *****
***** MANUAL GRADING. *****
```

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

Poorly formatted code is a red flag to employers.
"Good" programmers format code 100% correctly.
The "newline" character is represented by \n.
Five backslashes: \\\生\\生
Six double quotes: ""生""
Seven percent signs: %生%生%生%生%生
No partridge and no pear tree!

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