

CIT 133 Beginning C++
Assignment #4 – Total Points = 100

Assigned Date: 9/10

Date Due: 9/27

DO NOT share your answers with anyone. DO NOT collaborate on completing work with anyone. DO NOT use the Internet to search for solution to assignments. DO NOT pay anyone to write your code. Failure to meet this requirement leads to a violation of the academic integrity principles.

Helper File: See the helper files located under the assignment link where you picked up this assignment file for a sample question and answer.

Grading Criteria File: See the grading criteria file under the assignment link where you picked up this assignment file for a sample question and answer.

Objective: Demonstrate your understanding of C++ Input and Output statements, formatting output and basic file output. This assignment is based on the material covered in **chapter 3** of your textbook. Must show the usage of the manipulators such as setfill, setw, setprecision, etc.

Assignment: Write a C++ program to display a business card. The program will ask for the person's name, title, department, office phone number, mobile phone number, the email address, the office mail code, and any number entered by the user.

Process: The program will write the business card out to the monitor and to a file named **businesscard.txt**. **The random number entered by the user should be displayed with 2 digits after the decimal point.**

Use the file format: **firstNameLastNamecit133_hw4.cpp** for your source file name. Submit your file to the assignment dropbox in Canvas. **DO NOT** submit your output **businesscard.txt** file. The following is a sample run of the code. Make sure to fully test your program. **Your processing must be VERY similar to the sample run.**

SAMPLE RUN:

Enter your name: Alan Turing
Enter your title: Professor
Enter your department: Computing & Information Technology
Enter your office phone number: 505-555-5151
Enter your mobile phone number: 505-555-5152
Enter your email: alan.turing@genious.com
Enter your office mail code (one character code): H
Enter your magic number: 1200.879

Here is your official business card:

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*-----*  
|  
| Alan Turing
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| Professor
| Computing & Information Technology
| Office Phone: 505-555-5151
| Mobile Phone: 505-555-5152
| alan.turing@genious.com
| Mail code: H
| Magic number: 1200.88
