CMPSCI 101 – Spring, 2015 – Shaffer – LAB 1h (Chapters 1 & 2)

Write a program that replicates the following examples. ***Do not change your program to make each example run!*** Make sure your program has all of the features of a good program that you know so far. Recreate the following output (underlined sections are user input):

```
What is your full name? Steven Shaffer
Hello, Steven Shaffer.
I have thought of this number between 1 and 20 randomly: 9
What do you think the square root is? 3
The actual square root is 3
Did you get the right answer (Yes or No): Yes
Thanks for playing, Steven Shaffer!
```

```
What is your full name? Adam Apple
Hello, Adam Apple.
I have thought of this number between 1 and 20 randomly: 7
What do you think the square root is? 3.5
The actual square root is 2.64575
Did you get the right answer (Yes or No): No
Thanks for playing, Steven Shaffer!
```

Be sure to seed the random number generator with today's date and time.

Include the following header (change the information to match your name, etc.) at the top of your program:

```
// CMPSC 101 Spring 2015
// ADAM APPLE  ← Your name!
// Section n  ← Your section!
// LAB 1h – CHAPTERS 1 & 2
```
Once you are certain that your program works, paste **ALL of the following (in this order) into a DOC file**:

> (1) The **ENTIRE program *as text*!**
> (2) **FIVE screen shots** of the program running; make sure two of them match the example above (except that any random number may be different!).

DO NOT USE ANY ASPECT OF C++ THAT IS NOT COVERED IN THIS COURSE AS OF THE TIME OF THE ASSESSMENT.

SUBMIT THE DOC (or DOCX) FILE TO THE ANGEL DROP BOX LABELED FOR THIS LAB VERSION.