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# CIS - 279 - 36528 - (CS2) Data Structures: C++ - Spring 2017

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## Quiz 1 - Due Tuesday January 24th 11:45 PM

#### College of San Mateo

**Computer Science Department** 

CIS 279 - (CS2) Data Structures: C++

Quiz Exercise # 1

#### **Multiple File Compilation**

In this exercise you will demonstrate a multiple file program compilation.

Declare a main.cpp and a square.cpp file. Provide the sqr( int) function declaration in main. Provide the function definition in another file.

Pass in the int value comprised of the rightmost two digits of *your* GID for the int value to be squared.

For example:

Student: Anne San Mateo

GID: G00123456

Pass in the value 56 to be squared.

Before getting started on this assignment become familiar with the topics discussed in our week 1 modules.

### Objectives:

The following are the primary objectives of this exercise session:

- Get up and running with your C++ compiler.
- Perform a multiple file compilation.

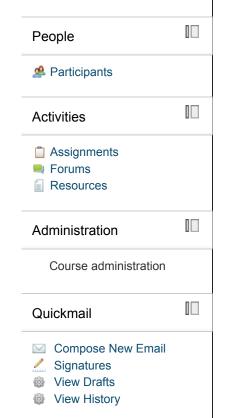
Deliverables: (2) .cpp files as follows:

The main file you submit will contain:

1. The *main program source*, and *program run* copied and pasted from your console window in a single file. You must

have **both** the **source** and **run**. Paste the **source** followed by the **run**, into your submission file, with separators (dashes) between the two. Be sure to use multi-line comment delimiters (e.g. /\* .... \*/)so that your program will compile and run in a grader test bed.

#include <iostream>



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using namespace std;
int main()
{
//source here
}
/* OUTPUT
Hello World
*/

The function file you submit will contain:

2. The *program source* for the function definition.

#### **Homework Guidelines:**

- Be sure your name is included in an initial comment of EACH file submitted.
- Name your program files and included methods according to specification given.
- Indicate the environment in which your program was developed (i.e. Visual Studio, Gnu C++, ...) ONLY upload the files required, not an entire development environment. Please DO NOT use packages, or create new namespaces, unless specifically requested in the assignment specification. If your IDE creates them, remove the package directive prior to submission.
- Do NOT use names which include spaces for files or folders.
- No zip files.

Grading

This exercise is worth 1 point:

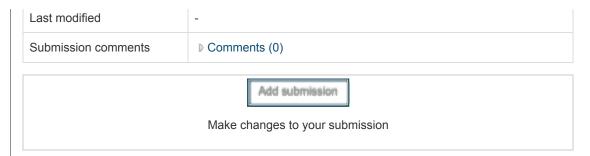
- main.cpp (.25)
- square.cpp (.25)
- Compiles and executes correctly (run included). (.25)
- Meets Homework Guidelines. (.25)

Questions? Post your questions in the forum discussion.

#### Submission status

Submission status	No attempt
Grading status	Not graded
Due date	Tuesday, January 24, 2017, 11:45 PM
Time remaining	2 days 12 hours

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Student Email

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