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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

Last modified	-
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