POTD1.1. Problem of the Day #1

Download and Extract

An initial setup of files is provided to you via a shell script: [Download potd-q1](#)

Using a terminal, extract the initial files by running the shell script you just downloaded (you will need to navigate to the directory where you saved the file):

```
sh potd-q1.sh
```

Your files for this problem will be in the `potd-q1` directory.

The Files

Here's a brief description of the files you've been given:

- `hello.h`: Declares the `hello` function that you will implement
- `hello.cpp`: **Put your code in here.**
- `q1.cpp`: A driver file to run your function and print its result.
- `Makefile`: Compiles your code for you.

The Problem

You will be completing a program that prints out your name and age to `stdout`. All the code you write will go in `hello.cpp`

TODO:

- Create a variable to hold your age
- Create a variable to hold your name
- Initialize the values of these two variables
- Write a function `hello` that takes no arguments and returns a `std::string` containing the following text: "Hello world! My name is `your_name` and I am `your_age` years old." where `your_name` and `your_age` are the values of your name and age variables.

The autograder is not that smart. It will be reasonably accommodating about your name, accept any integer for an age, but the rest of the text must match exactly.

In C++, text is stored in a `string` type. We haven't gone over that in class yet, but a quick Google search should enlighten you on how to use it.

Testing Your Code

Run the following commands to compile and execute your code:

```
make
./main
```

Sample Output

Let's say your name is Jared, and you're 19 years old. When you run `./main`, you should see the following:
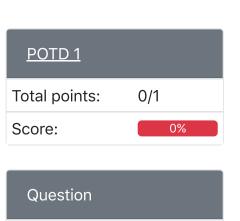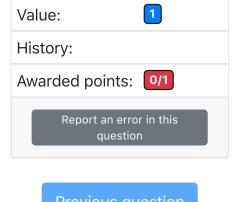
```
Hello world! My name is Jared and I am 19 years old.
```

Upload Solution

Drop files here or click to upload.

Only the files listed below will be accepted—others will be ignored.

Files
○ hello.cpp
not uploaded