**Assignment 0. Welcome to PAiC++!**

This assignment is designed to help you get your development environment set up so that you can compile, run, and debug programs. There isn't any programming involved, and we hope that this doesn't take you too much time to complete. This assignment must be completed individually.

**Step One: Install Qt Creator**

You will first need to install Qt Creator, the development environment that we use in this course. Follow the instructions in the [Qt Installation Guide](https://web.stanford.edu/dept/cs_edu/resources/qt/) for your operating system.

If you run into an install snag, don't panic! You can get help from TAs or ask the teacher directly.

**Step Two: Download the Starter Files**

We will configure a starter project with the files needed for each assignment and post it in the form of a .zip archive. The starter project for Assignment 0 contains the files for the **NameHash** program.

📦 [Starter Code](https://web.stanford.edu/class/archive/cs/cs106b/cs106b.1234/assignments/a0/Assignment%200.zip)

Download the starter code archive and extract all. Double-click the **NameHash.pro** file to open the project in Qt Creator and configure to use the default kit.

**Step Three: Hash Your Name**

Compile and run the program you've just downloaded. It will ask you to enter your (preferred) first and last names. When you do, it will give back a hash code, a special number associated with your name. You can think of your hash code as a “fingerprint” associated with your name that's unlikely to be the same as anyone else's fingerprint. ***Write this number down;*** you'll need it to complete the assignment!

**Step Four: Use the Debugger**

Open our handy [debugger tutorial](https://web.stanford.edu/class/archive/cs/cs106b/cs106b.1234/assignments/a0/DebuggerTutorial.pdf) and follow along step-by-step. At some point, you'll be asked to remember a special value. ***Write this special value down;*** you'll need it when you submit.

## Step Five: Submit Everything!

Once you've finished everything, fill out this form:

