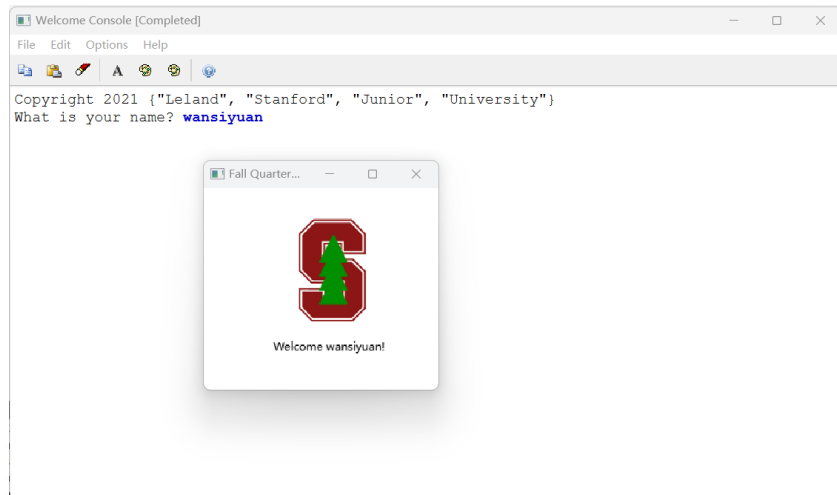


# ASSIGN 0

## 第一步 安装 Qt Creator



## 第二步 获取名字的散列值



### 第三步 调试练习

The screenshot shows a C++ IDE with the following components:

- Code Editor:** Displays the `NameHash.cpp` file. The `nameHash` function is defined, which takes `first` and `last` strings and returns an integer hash value. The function uses two prime numbers, `kLargePrime` (16908799) and `kSmallPrime` (127), to calculate the hash. The current line of execution is highlighted at line 66.
- Variables Window:** Shows the state of the function's parameters and local variables. The variables are:
  - `first`: `"Ada"` (type: `std::string`)
  - `last`: `"Lovelace"` (type: `std::string`)
  - `hashVal`: `12419` (type: `int`)
  - `kLargePrime`: `16908799` (type: `int`)
  - `kSmallPrime`: `127` (type: `int`)
- Debugger Console:** Shows the execution of the program. The output is:

```
What is your first name? Ada
What is your last name? Lovelace
The hash of your name is: 1967457
```

The screenshot shows the `NameHash Console [Completed]` window. The output of the program is displayed as follows:

```
What is your first name? Ada
What is your last name? Lovelace
The hash of your name is: 1967457
```