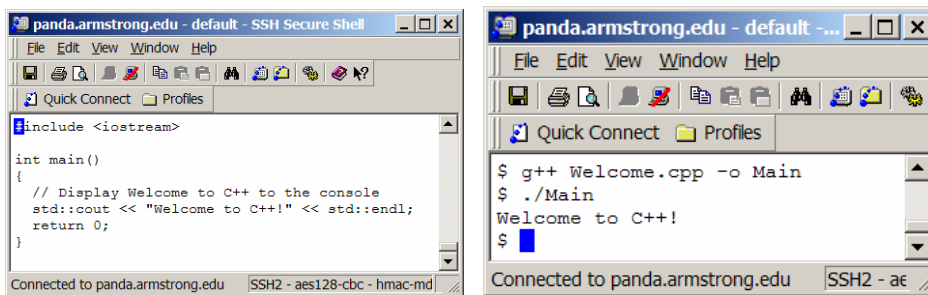


Supplement I.D

Creating, Compiling and Running C++ Programs on Unix

For Introduction to C++ Programming
By Y. Daniel Liang

By default, a GNU C++ compiler is automatically installed on UNIX. You can use the **vi** or **emacs** editor to create a C++ source code file. Figure 1 (a) shows how to use the **vi** editor to create and edit the source code file.



(a)

(b)

Figure 1

(a) You can create a C++ source file using the vi editor.

(b) You can compile a C++ source file using the GNU compiler.

To compile `Welcome.cpp` using the GNU compiler, type the command **g++ Welcome.cpp -o Main**, as shown in Figure 1 (b). If no syntax errors, an

executable file named **Main** is created. You can run it by typing `./Main`, as shown in Figure 1 (b).