**Report**

**//===========================================**

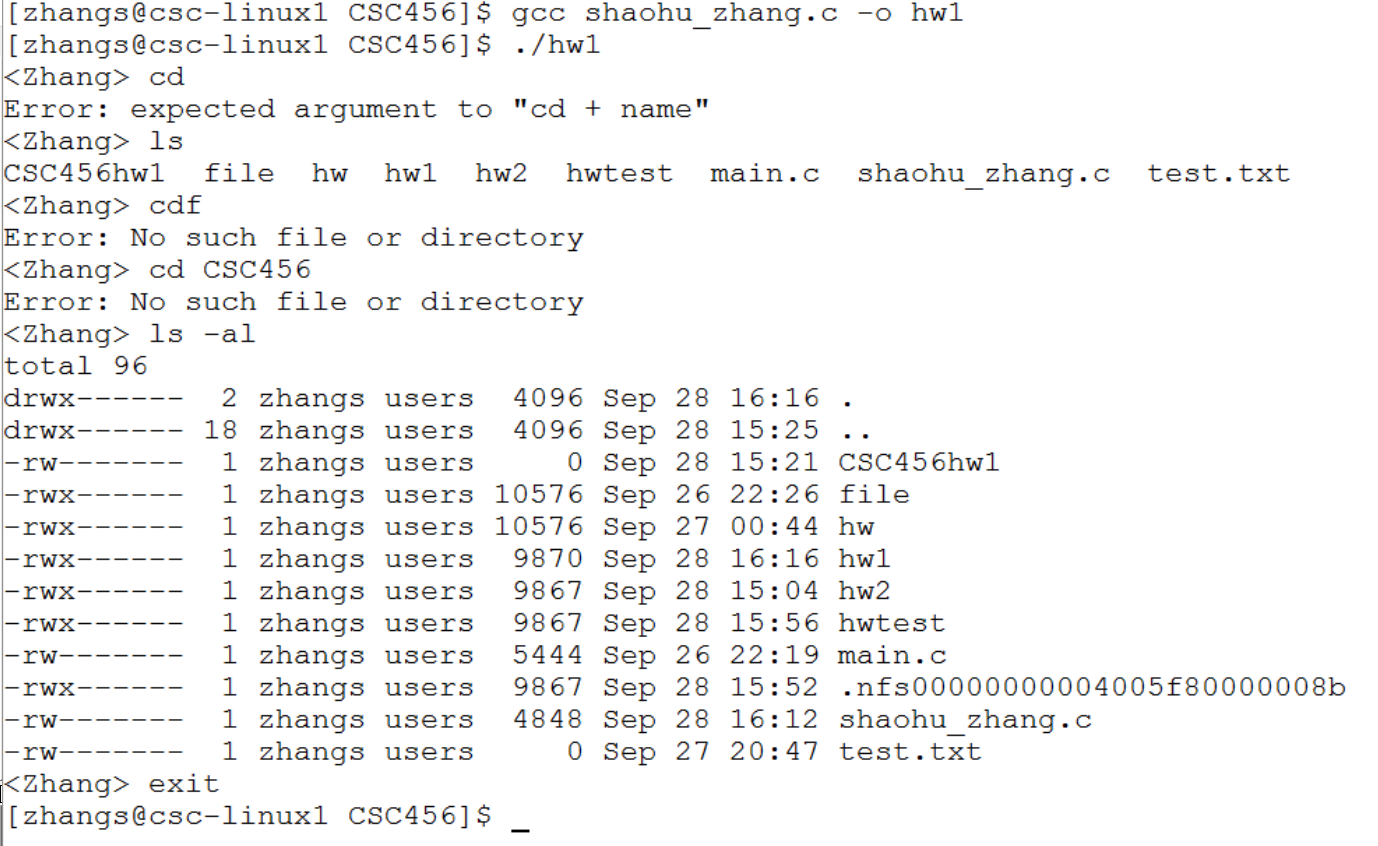
**// Name: Shaohu Zhang**

**// Compiler used: gcc on Linux server**

**//===========================================**

This C program is to implement a simple shell which has some functions as shown below:

* display the prompt <Zhang> before command line;
* read a command and its argument(s);
* exit the shell;
* continue reading the next command.



Functions:

bool shell\_cd(char \*\*args) //function to valid "cd" command

int shell\_exit(char \*\*args) // function to valid "exit" command

char \*read\_command\_line(void){ //function to read user command

char \*\*split\_command\_line(char \*line) //function to split command line to character

int execute\_command(char \*\*args) //function to execute a user command

To run this program:

gcc shaohu\_zhang.c –o hw1

./hw1

To exit the shell, please type ‘exit ‘.

This program can accept other Linux command, for example, type ‘ls’, the shell will print file list in the existing folder.