Linux and C Worksheet

1. Which Linux command allows you to view the files in a directory?
2. All of my .c files are in a folder called H:\Programming 4\C Files . What would I need to enter into Linux’s shell in order to switch to that directory?
3. I created a file called project1.c . What command would I need to enter into Linux’s shell in order to compile this into an executable called p1 ?
4. What command would I need to enter into Linux’s shell in order to execute the executable file called p1 ?
5. Show how I could execute p1 along with 2 command line arguments: bubba and 42.
6. Write a program in C that displays the coins necessary to make the change entered by the user. The change can be made up of quarters, nickels, and pennies. Assume that the amount of change is less than $1.00, and use the minimum number of coins. The program output should look similar to:

Enter the amount of change in cents: 68

Change:

Quarters: 2

Dimes: 1

Nickels: 1

Pennies: 3

**Notes**

* You must include any required include statements
* Check out the notes on input
* Modulus is your friend
* This does not require you to use any loops or if statements