**Bicycle World**

Welcome to Bicycle World, the premier text-based bicycle shop! This shop is only accessible to programmers like you, who are familiar with the command line.

In this project, you’ll use the commands you learned to navigate and edit the filesystem of this special shop.

The starting filesystem is shown below. (Bicycle World recently changed owners, who named the main directory bicycle-world-ii.)

bicycle-world-ii

|—— brands.txt

|—— freight/

| |—— messenger/

| |—— porteur/

|—— mountain/

| |—— downhill/

| | |—— heavyweight/

| | |—— lightweight/

| |—— hardtail/

|—— racing/

|—— road/

|—— track/

If you get stuck during this project or would like to see an experienced developer work through it, click “**Get Help**“ to see a **project walkthrough video**.

**Tasks**

**0/16Complete**

Mark the tasks as complete by checking them off

**1.**

Print the working directory.

If you ever get lost, you can return to this directory using cd.

Hint

$ pwd

/home/ccuser/workspace/bicycle-world-ii

Return here by entering:

$ cd /home/ccuser/workspace/bicycle-world-ii

**2.**

List the files and directories in the working directory.

Hint

$ ls

brands.txt freight mountain racing

**3.**

Change directories to the **freight/** directory.

Hint

$ cd freight

**4.**

List the files and directories in the working directory.

Hint

$ ls

messenger porteur

**5.**

Change directories to the **porteur/** directory.

Hint

$ cd porteur

**6.**

Change directories up two levels to the **bicycle-world-ii/** directory.

List the files and directories in the **bicycle-world-ii/** directory.

Hint

$ cd ../..

$ ls

brands.txt freight mountain racing

If you see an error like No such file or directory, you might be in the wrong directory! Use cd ../.. from within **porteur/**.

**7.**

Change directories to the **mountain/downhill/** directory.

Hint

$ cd mountain/downhill

**8.**

Make a file called **dirt.txt**.

Hint

$ touch dirt.txt

**9.**

Make a file called **mud.txt**.

Hint

$ touch mud.txt

**10.**

List the files and directories in the **downhill/** directory.

Hint

$ ls

dirt.txt heavyweight lightweight mud.txt

**11.**

Downhill biking is dangerous: In the **downhill/** directory, make a directory called **safety/**.

Hint

$ mkdir safety

**12.**

Change directories to the **bicycle-world-ii/** directory.

Stuck? Get a hint

**13.**

List the contents of the **bicycle-world-ii/** directory.

Hint

$ ls

brands.txt freight mountain racing

**14.**

The shop is adding a new type of bike!

In **bicycle-world-ii/**, make a directory called **bmx/**.

Hint

$ mkdir bmx

**15.**

Without changing directories from **bicycle-world-ii/**, make a file in the **bmx/** directory called **tricks.txt**.

Hint

$ touch bmx/tricks.txt

**16.**

List all files and directories in the current directory.

Hint

$ ls

bmx brands.txt freight mountain racing