

# The Shell

You are responsible for receiving commands from The Shell to accomplish the current goal.

**When the round begins, you must start at the directory marked with a tilde (~). This is the home directory.** Stand facing away from the root directory (marked with a /).

These are the commands you might receive:

**ls**

**ls** stands for **list**. Look at your feet, and read off the names of all the files and directories that are in front of you and directly connected to where you are currently standing.

**cd <name-of-directory>**

**cd** stands for **change directory**. Move to the directory they name, but only if it is directly connected to where you are currently standing. If the directory they named is not connected to you, tell them “directory not found”, and suggest that they use **ls** to see what directories *are* connected.

**cd ..**

**..** is a special keyword that means the parent of the current directory. Move backwards one directory.

**mkdir <name-of-directory>**

**mkdir** stands for **make directory**. Write the name of the new directory on a Post-It, stick it to the floor in front of you, and draw a line connecting it to where you are standing. **If a directory with that name already exists, do not create a duplicate. Tell The User that directory already exists.**

**rm -r <name-of-directory>**

**rm -r** stands for **remove recursive**. If a Post-It for the named directory is directly connected to where you are currently standing, remove it and everything attached to it. If the directory they named is not connected to you, tell them “directory not found”, and suggest that they use **ls** to see what directories *are* connected.

**bash <name-of-shell-script>**

**bash** is the name of the computer language you are using to give commands to The Shell. If the shell script they named is directly connected to where you are standing, ask The Referee to run it.

**mv <name-of-file-to-move> <name-of-folder-where-you-want-to-move-**

**the-file>**

mv stands for move. Move the Post-It they named to the directory they named. **NOTE: Both the Post-It and the destination directory must be directly connected to where you are currently standing. ANOTHER NOTE: . . is a perfectly acceptable destination.**

**NOTE:** There is no “undo” command. If The User gives you a command that works and then tries to back out, do it anyway.