**Lingua Franca**

Lingua Franca, a translation service, has asked you to help them configure their environment.

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**

**1/16Complete**

Mark the tasks as complete by checking them off

**1.**

Print the working directory.

Hint

pwd

**2.**

Create and open the bash profile.

Hint

nano ~/.bash\_profile

**3.**

In the bash profile, add a greeting of your choice.

Save the bash profile, exit nano, and clear the terminal window.

Hint

echo "Hello, Hola, Ni Hao, Bonjour, and Kon'nichiwa! Welcome to our translation services"

Ctrl + O

Enter

Ctrl + X

**4.**

Source the bash profile to make the greeting available in the current session. You should see the greeting you creating in the above step.

Hint

source ~/.bash\_profile

**5.**

Open the bash profile, and create three aliases, one for the mkdir command, one for date, and one for history.

Save the bash profile, exit nano, and clear the terminal window.

Hint

alias md="mkdir"

alias d="date"

alias hy="history"

**6.**

Source the bash profile to make the aliases available in the current session.

Hint

source ~/.bash\_profile

**7.**

Test out the aliases you created for the mkdir, date, and history commands. (Recall that when you test out the alias for mkdir you will need to pass in a directory name as an argument such as translations.)

Hint

md translations

d

hy

**8.**

Type the less command, with the filename **javanese.txt**. After you do this, type q to quit.

The less command is similar to cat, but is better adapted to handling larger files. It displays files in the terminal one page at a time.

Hint

less javanese.txt

q

**9.**

The less command is a special command that we can configure in the bash profile through the LESS environment variable.

Open the bash profile, and create and export a new environment variable called LESS, setting it equal to the option "-N". The -N option adds line numbers to the file.

Save the bash profile, exit nano, and clear the terminal window.

Hint

export LESS="-N"

**10.**

Source the bash profile to make the LESS line number option available for the current session.

Hint

source ~/.bash\_profile

**11.**

Type the less command again now, with the filename **javanese.txt**. The file should appear, along with line numbers. Press q to quit.

Hint

less javanese.txt

q

**12.**

Open the bash profile. Create and export the PS1 environment variable, setting it equal to a prompt of your choice. Be sure to leave a space before the close of the quotations.

Save the bash profile, exit nano, and clear the terminal window.

Hint

export PS1="c[○┬●]כ "

**13.**

Source the bash profile to make the new prompt available in the current session.

Hint

source ~/.bash\_profile

**14.**

Test out the prompt by typing the names of the aliases you created.

Hint

md script

d

hy

**15.**

Return a list of environment variables.

Hint

env

**16.**

Last but not least, return the value for the environment variable for LESS.

Hint

env | grep LESS