LINUX PROJECTS INSTRUCTIONS

You will be writing 3 bash scripts. Instructions on what to do are included as comments inside the scripts. Turn in the finished scripts on Canvas. You need to turn in the 3 text files, the modified .sh files. (No screenshots or pdfs.) I should be able to run the script myself on my computer. ALSO: Do not remove the comments please! They make it easier for me to grade the assignments.

The three scripts you will complete are the following:
   (1) LASTNAME_project_bash.sh
   (2) LASTNAME_fasta_script.sh
   (3) LASTNAME_backup.sh

Step 1 will be to change the name of the scripts to include your last name instead of LASTNAME. For example, I would change the name of **LASTNAME_backup.sh** to **Kelley_backup.sh**

You will need the following files for the first 2 scripts above:

bigdata.fna
primer.csv

TIP 1: Run the project_bash.sh before fasta_script.sh. The first makes directories and moves files that the second script needs.
TIP 2: Below are some pointers to help with the scripts
TIP 3: This might be a helpful link.

```
if [ -d "/path/to/dir" ]
then
    echo "Directory /path/to/dir exists."
else
    echo "Error: Directory /path/to/dir does not exists."
fi


OR


### Check if a directory does not exist ###
if [ ! -d "/path/to/dir" ]
then
    echo "Directory /path/to/dir DOES NOT exists."
    exit 9999 # die with error code 9999
fi
```

```
#!/bin/bash
# Basic function


print_something () {
    echo Hello I am a function
}


print_something
```

```
                          convert_html_to_php.sh
1.  #!/bin/bash
2.  # Make a php copy of any html files
3.
4.  for value in $1/*.html
5.  do
6.    cp $value $1/$( basename -s .html $value ).php
7.  done
```