

Task1:

Create a shell script to print the HTTP error code of guvi.in & print, the success/failure message based on the error code response

1. Creating script file name as http.sh and write script to call <https://www.guvi.in/>

```
ubuntu@ip-172-31-24-37: ~
#!/bin/bash

url="https://www.guvi.in/" # defined url

http_status=$(curl -s -o index.html -w %{http_code} $url)

if [ "$http_status" -eq 200 ]; then
echo "success, website is reachable"
else
echo "failed, website is not reachable"
fi
~
```

2. Give execution permissions to the file and execute the file

```
ubuntu@ip-172-31-24-37:~$ vi http.sh
ubuntu@ip-172-31-24-37:~$ chmod +x http.sh
ubuntu@ip-172-31-24-37:~$ ./http.sh
success, website is reachable
ubuntu@ip-172-31-24-37:~$ |
```

3. The Website is reachable.

Task 2:

Given a file, replace all occurrence of the word "give" with "learning" from 5th line till the end in only those lines that contain the word "welcome"

1. Create file name as sample.txt

```
ubuntu@ip-172-31-24-37:~$ vi sample.txt
ubuntu@ip-172-31-24-37:~$ |
```

```
Line 1: welcome and give
Line 2: just give
Line 3: welcome only
Line 4: welcome and give
Line 5: welcome and give
Line 6: give only
Line 7: welcome and give
Line 8: welcome and give
Line 9: nothing here
Line 10: welcome and give
Line 11: give and give
Line 12: welcome and give
Line 13: welcome only
Line 14: give give give
Line 15: welcome and give
~
```

2. Create script name as replace.sh

```
ubuntu@ip-172-31-24-37:~$ vi replace.sh
```

```
#!/bin/bash
sed -i '5,$ { /welcome/ s/give/learning/g }' sample.txt
echo "replacement complete. check sample.txt"
~
```

3. Execute script

```
ubuntu@ip-172-31-24-37:~$ vi replace.sh
ubuntu@ip-172-31-24-37:~$ bash replace.sh
replacement complete. check sample.txt
ubuntu@ip-172-31-24-37:~$ |
```

4. Checking sample.txt file

```
replacement complete. check sample.txt
ubuntu@ip-172-31-24-37:~$ cat sample.txt
Line 1: welcome and give
Line 2: just give
Line 3: welcome only
Line 4: welcome and give
Line 5: welcome and learning
Line 6: give only
Line 7: welcome and learning
Line 8: welcome and learning
Line 9: nothing here
Line 10: welcome and learning
Line 11: give and give
Line 12: welcome and learning
Line 13: welcome only
Line 14: give give give
Line 15: welcome and learning
ubuntu@ip-172-31-24-37:~$ |
```

