

Scripting Task

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

Created [httpcode.sh](#) file:

```
root@ip-172-31-26-11: /home, × + ▾
#!/bin/bash

code=$(curl -s -o /dev/null -w "%{http_code}" https://www.guvi.in)

echo "HTTP Status Code: $code"

if [ "$code" -eq 200 ]; then
    echo "Success"
else
    echo "Failure"
fi

~
```

```
root@ip-172-31-26-11:/home/ubuntu# mkdir temp
root@ip-172-31-26-11:/home/ubuntu# cd temp
root@ip-172-31-26-11:/home/ubuntu/temp# vi httpcode.sh
root@ip-172-31-26-11:/home/ubuntu/temp# ./httpcode.sh
bash: ./httpcode.sh: Permission denied
root@ip-172-31-26-11:/home/ubuntu/temp# chmod +x httpcode.sh
root@ip-172-31-26-11:/home/ubuntu/temp# ./httpcode.sh
HTTP Status Code: 200
Success
root@ip-172-31-26-11:/home/ubuntu/temp#
```

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"

Created **sample.txt** file:

```
root@ip-172-31-26-11:/home/ ~ + | ^
```

```
1 welcome give
2 give something
3 welcome give
4 give
5 welcome give
6 give welcome
7 welcome give give
8 hello give

~
```

Created [replacet.sh](#)

```
root@ip-172-31-26-11:/home/ ~ + | ^
```

```
#!/bin/bash

file="sample.txt"

sed -i '5,$ {/welcome/ s/give/learning/g}' "$file"

echo "Replacement completed.

~
```

Provided execute permission to [replace.sh](#) and run the script :

```
root@ip-172-31-26-11:/home/ubuntu/temp# vi sample.txt
root@ip-172-31-26-11:/home/ubuntu/temp#
root@ip-172-31-26-11:/home/ubuntu/temp# vi replace.sh
root@ip-172-31-26-11:/home/ubuntu/temp# chmod +x replace.sh
root@ip-172-31-26-11:/home/ubuntu/temp# ./replace.sh
Replacement completed.
root@ip-172-31-26-11:/home/ubuntu/temp# cat sample.txt
1 welcome give
2 give something
3 welcome give
4 give
5 welcome learning
6 learning welcome
7 welcome learning learning
8 hello give
```