Assignment – 4

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.

-> The shell script of following command is:

```
  GNU nano 7.2                                                              code_
#!/bin/bash

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

#Printing the code
echo "HTTP code: $status_code"

#check and print success/failure message
if [[ "$status_code" -ge 200 && "$status_code" -lt 300 ]]; then
        echo "Website is accessible"
else
        echo "Permission denied: $status_code"
fi
```

The output of the shell script is:

```
ubuntu@ip-172-31-86-254:~/pranit$ ./code_message.sh
HTTP code: 200
Website is accessible
```

Hence, the website is accessible.

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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".

-> The shell script of following command is:

```
#!/bin/bash

input_file="yourfile.txt"
output_file="output.txt"

awk 'NR < 5 { print; next } /welcome/ {gsub(/give/, "learning") } { print }' "$input_file" > "$output_file"
```

Creating and editing yourfile.txt to see the output

```
ubuntu@ip-172-31-86-254:~/pranit$ cat yourfile.txt
Line 1: Hello
Line 2: We give
Line 3: You are welcome
Line 4: Stay safe
Line 5: welcome! we give our best
Line 6: Just a normal line
Line 7: welcome to the jungle, we give 110%
```

The output.txt generated with replacements:

```
ubuntu@ip-172-31-86-254:~/pranit$ cat output.txt
Line 1: Hello
Line 2: We give
Line 3: You are welcome
Line 4: Stay safe
Line 5: welcome! we learning our best
Line 6: Just a normal line
Line 7: welcome to the jungle, we learning 110%
```