

Task – 5

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

Code:

```
#!/bin/bash
read -p "Enter the website to check the HTTP error code: " URL
http_code=$(curl --write-out %{http_code} --silent --output /dev/null $URL)

if [ $http_code -eq 200 ]; then
    echo "The Response code of $URL is : $http_code"
    echo "The HTTP connection is Success"
else
    echo "The Response code of $URL is : $http_code"
    echo "The HTTP connection is Failure"
fi
```

Output:

```
root@ip-172-31-34-16:/home/ubuntu/scripting# chmod +x script1.sh
root@ip-172-31-34-16:/home/ubuntu/scripting# chmod +x script2.sh
root@ip-172-31-34-16:/home/ubuntu/scripting# ./script1.sh
Enter the website to check the HTTP error code: https://www.guvi.in/
The Response code of https://www.guvi.in/ is : 200
The HTTP connection is Success
root@ip-172-31-34-16:/home/ubuntu/scripting#
```

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

Original file:

```
This is the first line.
This is the second line.
Welcome to the third line.
This is the fourth line.
Welcome to the fifth line. give some effort.
This is the sixth line. welcome and give your best.
Seventh line without the keyword.
The eighth line welcomes everyone to give their best.
Another line without the keyword.
Give it all you have, welcome to the tenth line.
```

Code:

```
#!/bin/bash

sed -e '/welcome/{5,$s/give/learning/g}' text_file.txt > changes_text.txt
```

Execution:

```
root@ip-172-31-34-16:/home/ubuntu/scripting# ./script2.sh
root@ip-172-31-34-16:/home/ubuntu/scripting#
```

```
root@ip-172-31-34-16:/home/ubuntu/scripting# ./script2.sh
root@ip-172-31-34-16:/home/ubuntu/scripting# ls
changes_text.txt  demo_dir  newdir  script1.sh  script2.sh  text_file.txt
root@ip-172-31-34-16:/home/ubuntu/scripting#
```

Output:

```
root@ip-172-31-34-16:/home/ubuntu/scripting# cat changes_text.txt
This is the first line.
This is the second line.
Welcome to the third line.
This is the fourth line.
Welcome to the fifth line. give some effort.
This is the sixth line. welcome and learning your best.
Seventh line without the keyword.
The eighth line welcomes everyone to learning their best.
Another line without the keyword.
Give it all you have, welcome to the tenth line.
root@ip-172-31-34-16:/home/ubuntu/scripting#
```