

## QUESTION 1:

```
dharani@DHARANIDHARAN:~/assignment$ nano script.sh
dharani@DHARANIDHARAN:~/assignment$ ./script.sh
Enter the URL:
https://guvi.in
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           %             0         0             0             0 --:--:-- --:--:-- --:--:--    0
HTTP status code for https://guvi.in: 301
Failure: Unable to access the website
dharani@DHARANIDHARAN:~/assignment$ cat script.sh
#!/bin/bash

set -e

check_status(){
    echo "Enter the URL: "
    read url

    # Get the HTTP status code
    http_code=$(curl -o /dev/null -w "%{http_code}" "${url}")

    # Print the HTTP status code
    echo "HTTP status code for $url: $http_code"

    # Check if HTTP status code is 200 (Success)
    if [ "$http_code" -eq 200 ]; then
        echo "Success: Website is reachable"
    else
        echo "Failure: Unable to access the website"
    fi
}

check_status
dharani@DHARANIDHARAN:~/assignment$ |
```

## QUESTION 2

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"

### ANSWER

as per the question from the 5<sup>th</sup> line to the end of the line the word contain give is replaced by learning shown in below image

```
dharani@DHARANIDHARAN:~/assignment$ nano text.txt
dharani@DHARANIDHARAN:~/assignment$ cat text.txt
This is a welcome message.
glad to see you in our learning platform.
We give you the tools to succeed.
You're welcome to join us.
We also give personalized support.
Welcome, everyone!
dharani@DHARANIDHARAN:~/assignment$ rm new_text.txt
dharani@DHARANIDHARAN:~/assignment$ sed -e '/welcome/,${5,$ s/give/learning/g;}' text.txt >> new_text.txt
dharani@DHARANIDHARAN:~/assignment$ cat new_text.txt
This is a welcome message.
glad to see you in our learning platform.
We give you the tools to succeed.
You're welcome to join us.
We also learning personalized support.
Welcome, everyone!
dharani@DHARANIDHARAN:~/assignment$ |
```