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

```bash
#!/bin/bash

# URL
URL="https://guvi.in"

# HTTP status
statusCode=$(curl -s -o /dev/null -w "%{http_code}" "$URL")

# Print the code
echo "HTTP Status Code: $statusCode"

# Check the status code and print message
if [[ "$statusCode" == 2* ]]; then
    echo "Success: The request was successful."
else
    echo "Failure: The request failed with status code $statusCode."
fi
```

```
"script.sh" 18L, 377B                                          18,0-1        All
```

```
[ec2-user@ip-172-31-12-130 ~]$ ls -l
total 28
-rw-r--r--. 1 ec2-user ec2-user 149 Dec 19 05:07 assessment.txt
-rwxr-xr-x. 1 ec2-user ec2-user 395 Dec 19 01:26 task.sh
-rwxr-xr-x. 1 ec2-user ec2-user 439 Dec 19 04:46 task1.sh
-rwxr-xr-x. 1 ec2-user ec2-user 227 Dec 17 03:27 test1.sh
-rwxr-xr-x. 1 ec2-user ec2-user  84 Dec 17 03:41 test2.sh
-rwxr-xr-x. 1 ec2-user ec2-user 260 Dec 17 04:55 test3.sh
-rwxr-xr-x. 1 ec2-user ec2-user  31 Dec 19 01:40 test4.sh
[ec2-user@ip-172-31-12-130 ~]$ ./task.sh
HTTP Status Code: 301
Failure: The request failed with status code 301.
[ec2-user@ip-172-31-12-130 ~]$
```

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".

```
ec2-user@ip-172-31-12-130:~    X    +    v

Line 1
Line 2
Line 3
Line 4
Welcome to the world, give me a chance.
This is another line without welcome.
Welcome again, give it your best.
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```

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[ec2-user@ip-172-31-12-130 ~]$ ls -l
total 32
-rw-r--r--. 1 ec2-user ec2-user 141 Dec 19 05:01 assessment.txt
-rw-r--r--. 1 ec2-user ec2-user 141 Dec 19 05:05 output_file
-rwxr-xr-x. 1 ec2-user ec2-user 395 Dec 19 01:26 task.sh
-rwxr-xr-x. 1 ec2-user ec2-user 439 Dec 19 04:46 task1.sh
-rwxr-xr-x. 1 ec2-user ec2-user 227 Dec 17 03:27 test1.sh
-rwxr-xr-x. 1 ec2-user ec2-user  84 Dec 17 03:41 test2.sh
-rwxr-xr-x. 1 ec2-user ec2-user 260 Dec 17 04:55 test3.sh
-rwxr-xr-x. 1 ec2-user ec2-user  31 Dec 19 01:40 test4.sh
[ec2-user@ip-172-31-12-130 ~]$ rm output_file
[ec2-user@ip-172-31-12-130 ~]$ ls -l
total 28
-rw-r--r--. 1 ec2-user ec2-user 141 Dec 19 05:01 assessment.txt
-rwxr-xr-x. 1 ec2-user ec2-user 395 Dec 19 01:26 task.sh
-rwxr-xr-x. 1 ec2-user ec2-user 439 Dec 19 04:46 task1.sh
-rwxr-xr-x. 1 ec2-user ec2-user 227 Dec 17 03:27 test1.sh
-rwxr-xr-x. 1 ec2-user ec2-user  84 Dec 17 03:41 test2.sh
-rwxr-xr-x. 1 ec2-user ec2-user 260 Dec 17 04:55 test3.sh
-rwxr-xr-x. 1 ec2-user ec2-user  31 Dec 19 01:40 test4.sh
[ec2-user@ip-172-31-12-130 ~]$ vi assessment.txt
[ec2-user@ip-172-31-12-130 ~]$ sed -i '5,$s/\(.*welcome.*\)/\1/; s/give/learning/g' assessment.txt
[ec2-user@ip-172-31-12-130 ~]$ vi assessment.txt
[ec2-user@ip-172-31-12-130 ~]$
```

```
Line 1
Line 2
Line 3
Line 4
Welcome to the world, learning me a chance.
This is another line without welcome.
Welcome again, learning it your best.

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"assessment.txt" 8L, 149B
```