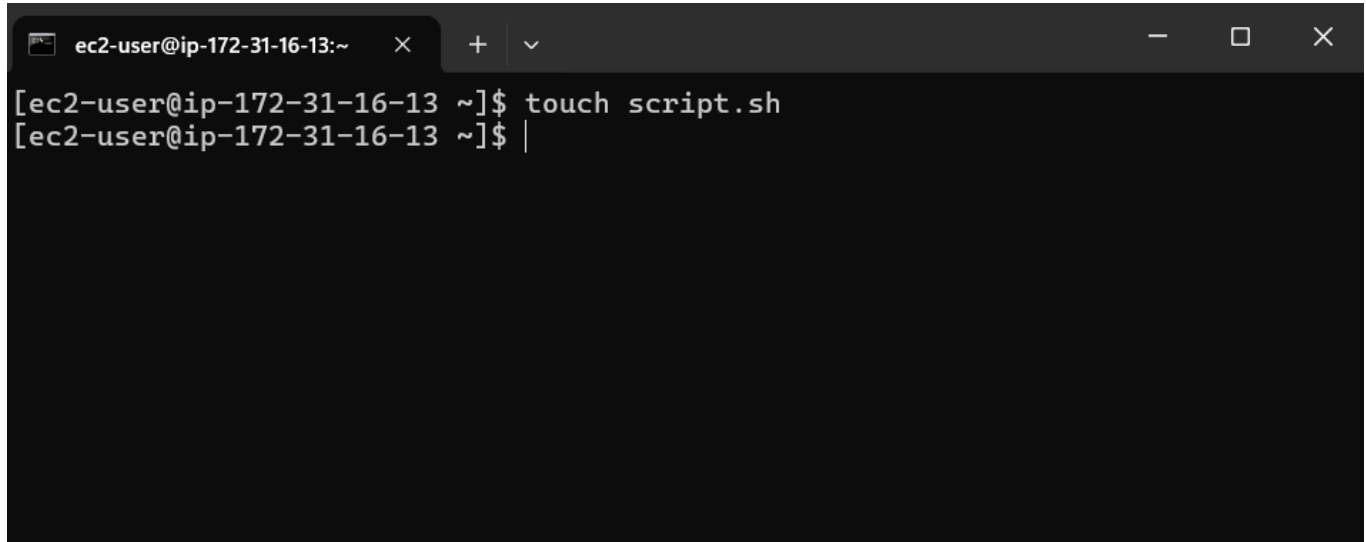# Script Task -1
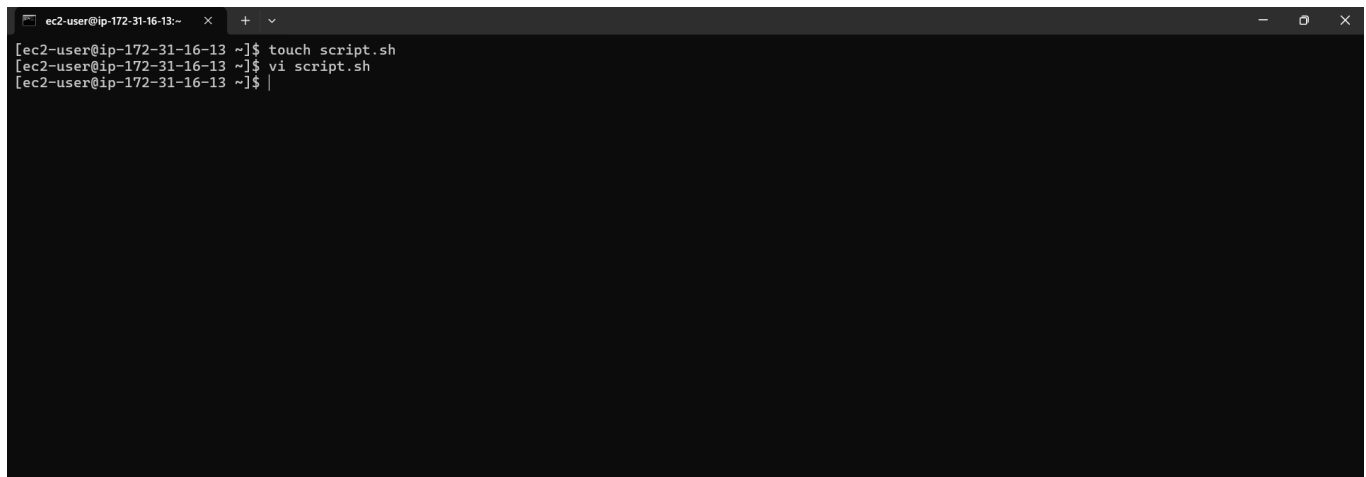
1.Create a shell script to print the HTTP error code of guvi.in & print, the success/failure message based on the error code response

Step 1:

Create the Script file

```bash
#!/bin/bash

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

# Get the HTTP status code
HTTP_CODE=$(curl -o /dev/null -s -w "%{http_code}\n" $URL)

# Print the HTTP status code
echo "HTTP Status Code: $HTTP_CODE"

# Determine success or failure
if [ $HTTP_CODE -eq 200 ]; then
    echo "Success: The website is accessible."
else
    echo "Failure: The website is not accessible. HTTP Status Code: $HTTP_CODE"
fi
```

`:wq!`

Write the Script for printing the success/failure message based on the error code response
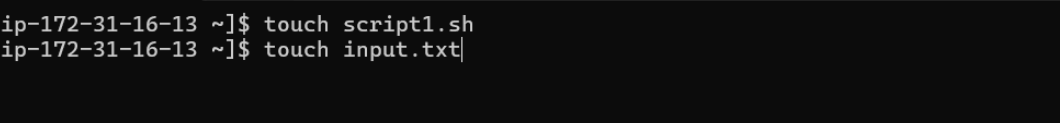
Run the Script:

```
[ec2-user@ip-172-31-16-13 ~]$ vi script.sh
[ec2-user@ip-172-31-16-13 ~]$ sh script.sh
HTTP Status Code: 301
Failure: The website is not accessible. HTTP Status Code: 301
[ec2-user@ip-172-31-16-13 ~]$
```

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"

creating the script file:

```
[ec2-user@ip-172-31-16-13 ~]$ touch script1.sh
[ec2-user@ip-172-31-16-13 ~]$
```

Creating the input file

```
[ec2-user@ip-172-31-16-13 ~]$ touch script1.sh
[ec2-user@ip-172-31-16-13 ~]$ touch input.txt
```

writing the script for changing the word give to learning

```bash
#!/bin/bash

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

# Get the HTTP status code
HTTP_CODE=$(curl -o /dev/null -s -w "%{http_code}\n" $URL)

# Print the HTTP status code
echo "HTTP Status Code: $HTTP_CODE"

# Determine success or failure
if [ $HTTP_CODE -eq 200 ]; then
    echo "Success: The website is accessible."
else
    echo "Failure: The website is not accessible. HTTP Status Code: $HTTP_CODE"
fi
```

"script.sh" 18L, 403B   18,0-1   All

sample content inside the input.txt

```
I will give my best effort to complete the project on time.
Please give me some time to think about the proposal.
They decided to give the prize to the most deserving candidate.
welcome We need to give this opportunity a chance to succeed.
The teacher will give us extra credit for participating in the project.
I will give my best effort to complete the project on time.
welcome Please give me some time to think about the proposal.
They decided to give the prize to the most deserving candidate.
welcome We need to give this opportunity a chance to succeed.
The teacher will give us extra credit for participating in the project.
I will give my best effort to complete the project on time.
welcome Please give me some time to think about the proposal.
They decided to give the prize to the most deserving candidate.
welcome We need to give this opportunity a chance to succeed.
welcome The teacher will give us extra credit for participating in the project.
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"input.txt" 15L, 960B                                          7,9              All
```

Run the script file.

```
[ec2-user@ip-172-31-16-13 ~]$ sh script1.sh
[ec2-user@ip-172-31-16-13 ~]$
```

Output:

```
[ec2-user@ip-172-31-16-13 ~]$ cat input
cat: input: No such file or directory
[ec2-user@ip-172-31-16-13 ~]$ cat input.txt
I will give my best effort to complete the project on time.
Please give me some time to think about the proposal.
They decided to give the prize to the most deserving candidate.
welcome We need to give this opportunity a chance to succeed.
The teacher will give us extra credit for participating in the project.
I will give my best effort to complete the project on time.
welcome Please learning me some time to think about the proposal.
They decided to give the prize to the most deserving candidate.
welcome We need to learning this opportunity a chance to succeed.
The teacher will give us extra credit for participating in the project.
I will give my best effort to complete the project on time.
welcome Please learning me some time to think about the proposal.
They decided to give the prize to the most deserving candidate.
welcome We need to learning this opportunity a chance to succeed.
welcome The teacher will learning us extra credit for participating in the project.
```