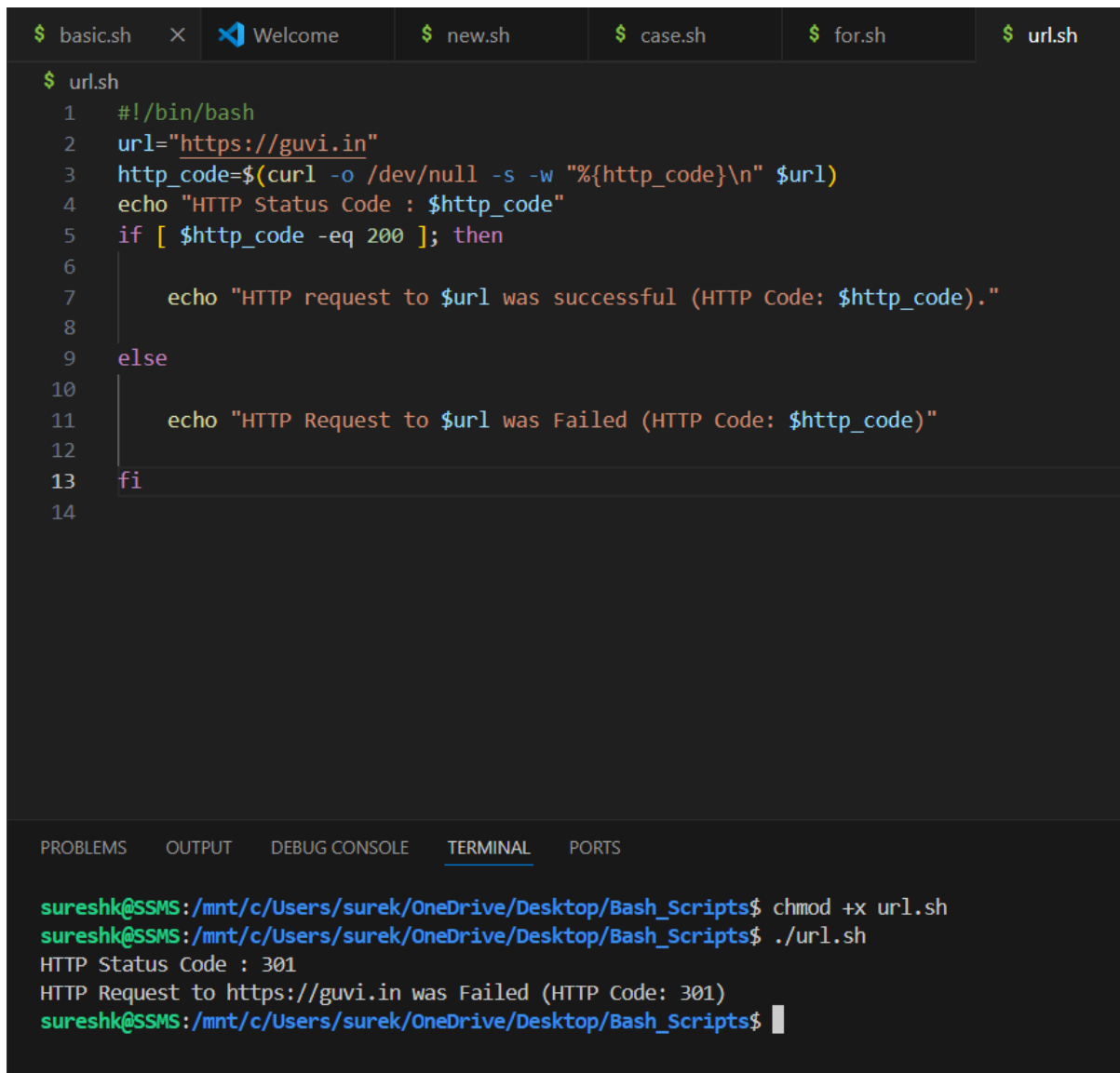1. Create a shell script to print the HTTP error code of guvi.in & print, the success/failure message based on the error code response

```bash
#!/bin/bash
url="https://guvi.in"
http_code=$(curl -o /dev/null -s -w "%{http_code}\n" $url)
echo "HTTP Status Code : $http_code"
if [ $http_code -eq 200 ]; then

    echo "HTTP request to $url was successful (HTTP Code: $http_code)."

else

    echo "HTTP Request to $url was Failed (HTTP Code: $http_code)"

fi
```

```
sureshk@SSMS:/mnt/c/Users/surek/OneDrive/Desktop/Bash_Scripts$ chmod +x url.sh
sureshk@SSMS:/mnt/c/Users/surek/OneDrive/Desktop/Bash_Scripts$ ./url.sh
HTTP Status Code : 301
HTTP Request to https://guvi.in was Failed (HTTP Code: 301)
sureshk@SSMS:/mnt/c/Users/surek/OneDrive/Desktop/Bash_Scripts$
```

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"

Created replace. Txt file

```
sureshk@SSMS:/mnt/c/Users/surek/OneDrive/Desktop/Bash_Scripts$ cat replace.txt
When you give your time and effort to a cause, you welcome the satisfaction of making a difference.
It's important to give compliments and welcome others with a smile.
Remember to give yourself a break when needed and welcome moments of relaxation.
Every day can give new opportunities and welcome fresh experiences.
By give support to your team, you create a welcome environment.
Sometimes, life may give challenges, but welcome them can lead to growth.
Always give gratitude for what you have and good things in life.
Giving help to those in need is a way to welcome compassion into the world.
When you give your best in everything you do, you welcome success.
Let's give our community a place where everyone feels welcome.
sureshk@SSMS:/mnt/c/Users/surek/OneDrive/Desktop/Bash_Scripts$
```

Replacing word "give with learning using Bash script:

```bash
#!/bin/bash

read -p "Enter the file name to process: " file_name

if [ ! -f "$file_name" ]; then

    echo "Error: File is not found"

fi

awk 'NR < 5 || !/welcome/ {print; next} {gsub(/give/, "learning")}1' "$file_name" > temp_file && mv temp_file "$file_name"


echo "File process"
```

```
sureshk@SSMS:/mnt/c/Users/surek/OneDrive/Desktop/Bash_Scripts$ ./replace.sh
Enter the file name to process: replace.txt
File process
sureshk@SSMS:/mnt/c/Users/surek/OneDrive/Desktop/Bash_Scripts$ cat replace.txt
When you give your time and effort to a cause, you welcome the satisfaction of making a difference.
It's important to give compliments and welcome others with a smile.
Remember to give yourself a break when needed and welcome moments of relaxation.
Every day can give new opportunities and welcome fresh experiences.
By learning support to your team, you create a welcome environment.
Sometimes, life may learning challenges, but welcome them can lead to growth.
Always give gratitude for what you have and good things in life.
Giving help to those in need is a way to welcome compassion into the world.
When you learning your best in everything you do, you welcome success.
Let's learning our community a place where everyone feels welcome.
sureshk@SSMS:/mnt/c/Users/surek/OneDrive/Desktop/Bash_Scripts$
```