

Task 8: Website Availability Checker

1. Create the input file with URLs

nano sites.txt

2. Add one URL per line (example), then save and exit:

https://google.com

https://openai.com

https://example.com

3. Create the script file

nano site_checker.sh

4. Paste the following content into the editor, then save.:

```
#!/bin/bash
```

```
LOGFILE="site_status.log"
```

```
echo "Website Check - $(date)" > $LOGFILE
```

```
while read site; do
```

```
  if curl -s --head --request GET "$site" | grep "200 OK" > /dev/null; then
```

```
    echo "$site is UP" >> $LOGFILE
```

```
  else
```

```
    echo "$site is DOWN or Unreachable" >> $LOGFILE
```

```
  fi
```

```
done < sites.txt
```

5. Make the script executable

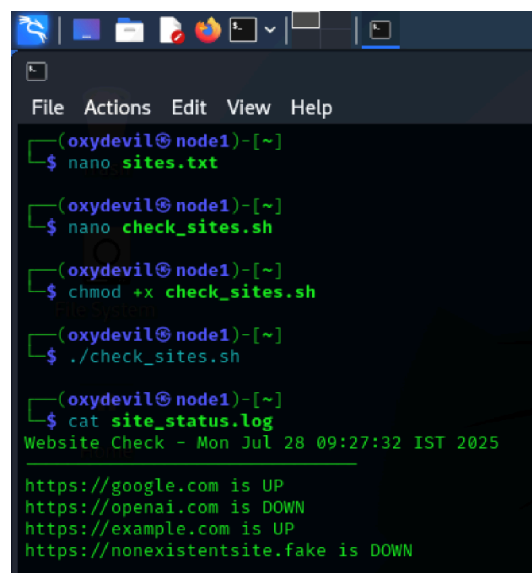
```
chmod +x site_checker.sh
```

6. Run the script

```
./site_checker.sh
```

7. View the results

```
cat site_status.log
```



```
File Actions Edit View Help
(oxydevil@node1)-[~]
$ nano sites.txt
(oxydevil@node1)-[~]
$ nano check_sites.sh
(oxydevil@node1)-[~]
$ chmod +x check_sites.sh
(oxydevil@node1)-[~]
$ ./check_sites.sh
(oxydevil@node1)-[~]
$ cat site_status.log
Website Check - Mon Jul 28 09:27:32 IST 2025
https://google.com is UP
https://openai.com is DOWN
https://example.com is UP
https://nonexistentsite.fake is DOWN
```