

TASK 9

Generate a report with:

- Current user, hostname, uptime.
- Mounted filesystems and usage.
- Path and shell-related environment variables

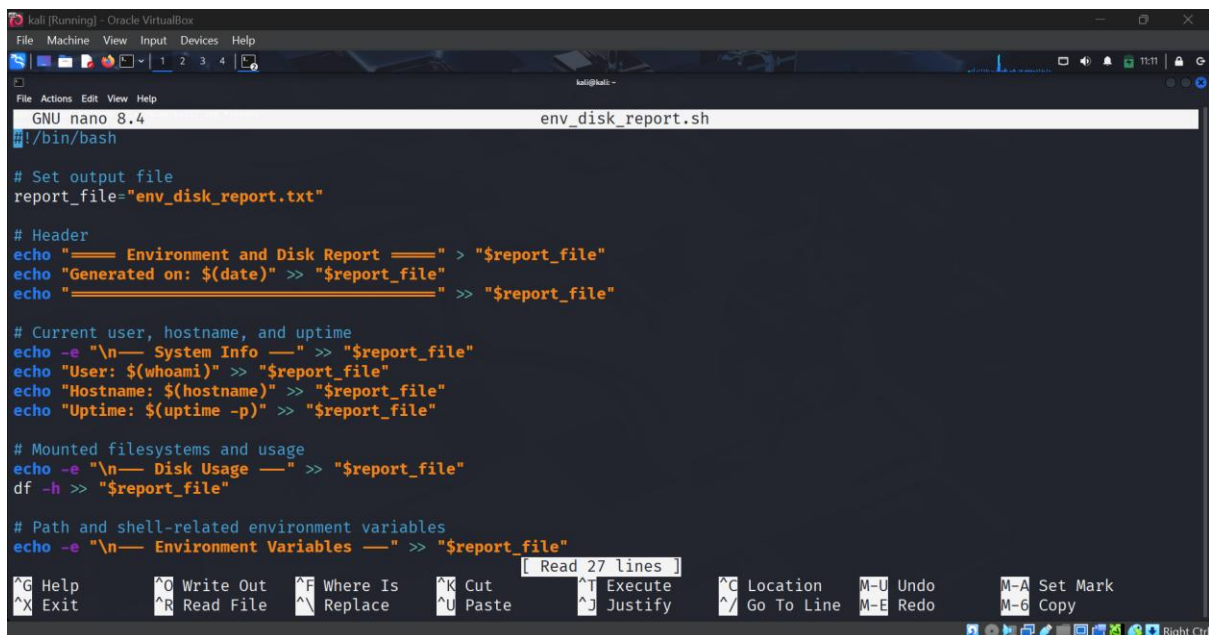
Step 1 :

Create a Script

```
(kali@kali)-[~]  
$ nano env_disk_report.sh
```

Step 2 :

Paste the code



```
GNU nano 8.4 env_disk_report.sh  
#!/bin/bash  
  
# Set output file  
report_file="env_disk_report.txt"  
  
# Header  
echo "==== Environment and Disk Report =====>" > "$report_file"  
echo "Generated on: $(date)" >> "$report_file"  
echo "====>" >> "$report_file"  
  
# Current user, hostname, and uptime  
echo -e "\n--- System Info ---" >> "$report_file"  
echo "User: $(whoami)" >> "$report_file"  
echo "Hostname: $(hostname)" >> "$report_file"  
echo "Uptime: $(uptime -p)" >> "$report_file"  
  
# Mounted filesystems and usage  
echo -e "\n--- Disk Usage ---" >> "$report_file"  
df -h >> "$report_file"  
  
# Path and shell-related environment variables  
echo -e "\n--- Environment Variables ---" >> "$report_file"
```

Step 3 :

Execute and the script

```
(kali㉿kali)-[~]  
$ chmod +x env_disk_report.sh  
  
(kali㉿kali)-[~]  
$ ./env_disk_report.sh
```

Step 4 :

Verify the output

```
(kali㉿kali)-[~]  
$ cat env_disk_report.txt  
===== Environment and Disk Report =====  
Generated on: Tue Aug 5 11:12:23 AM EDT 2025  
=====
```

```
— System Info —  
User: kali  
Hostname: kali  
Uptime: up 2 hours, 3 minutes
```

```
— Disk Usage —  
Filesystem      Size  Used Avail Use% Mounted on  
udev            1.9G   0 1.9G   0% /dev  
tmpfs           393M 1020K 392M   1% /run  
/dev/sda1       79G   16G  60G  21% /  
tmpfs           2.0G  4.0K  2.0G   1% /dev/shm  
tmpfs           5.0M   0  5.0M   0% /run/lock  
tmpfs           1.0M   0  1.0M   0% /run/credentials/systemd-journald.service  
tmpfs           2.0G  8.0K  2.0G   1% /tmp  
tmpfs           1.0M   0  1.0M   0% /run/credentials/getty@tty1.service
```

```
=====
```

```
— System Info —  
User: kali  
Hostname: kali  
Uptime: up 2 hours, 3 minutes
```

```
— Disk Usage —  
Filesystem      Size  Used Avail Use% Mounted on  
udev            1.9G   0 1.9G   0% /dev  
tmpfs           393M 1020K 392M   1% /run  
/dev/sda1       79G   16G  60G  21% /  
tmpfs           2.0G  4.0K  2.0G   1% /dev/shm  
tmpfs           5.0M   0  5.0M   0% /run/lock  
tmpfs           1.0M   0  1.0M   0% /run/credentials/systemd-journald.service  
tmpfs           2.0G  8.0K  2.0G   1% /tmp  
tmpfs           1.0M   0  1.0M   0% /run/credentials/getty@tty1.service  
tmpfs           393M 124K  393M   1% /run/user/1000
```

```
— Environment Variables —  
PATH: /home/kali/.local/bin:/usr/local/sbin:/usr/sbin:/sbin:/usr/local/bin:/usr/bin:/bin:/usr/local/games:/usr/games:/home/kali/.dotnet/tools  
SHELL: /usr/bin/zsh
```