



ASIM SALEEM HOMEWORK

Week 3 Homework: A High Stakes Investigation



```
sysadmin@UbuntuDesktop: ~  
File Edit View Search Terminal Help  
sysadmin@UbuntuDesktop:~$ ls  
Cybersecurity-Lesson-Plans Desktop Documents Downloads index.html Music Pictures Public python research temp Templates Videos  
sysadmin@UbuntuDesktop:~$ wget https://utoronto.bootcampcontent.com/utoronto-bootcamp/utor-tor-cyber-pt-09-2020-u-c/blob/master/class_2/Week_3_Terminal_and_Bash/Homework/Resources/Dealer_Schedules_0310.zip  
--2020-10-05 23:08:44-- https://utoronto.bootcampcontent.com/utoronto-bootcamp/utor-tor-cyber-pt-09-2020-u-c/blob/master/class_2/Week_3_Terminal_and_Bash/Homework/Resources/Dealer_Schedules_0310.zip  
Resolving utoronto.bootcampcontent.com (utoronto.bootcampcontent.com)... 159.203.28.13  
Connecting to utoronto.bootcampcontent.com (utoronto.bootcampcontent.com)|159.203.28.13|:443... connected.  
HTTP request sent, awaiting response... 302 Found  
Location: https://utoronto.bootcampcontent.com/users/sign_in [following]  
--2020-10-05 23:08:44-- https://utoronto.bootcampcontent.com/users/sign_in  
Reusing existing connection to utoronto.bootcampcontent.com:443.  
HTTP request sent, awaiting response... 200 OK  
Length: unspecified [text/html]  
Saving to: 'Dealer_Schedules_0310.zip'  
  
Dealer_Schedules_0310.zip [ <=> ] 11.34K --.-KB/s in 0s  
  
2020-10-05 23:08:44 (61.5 MB/s) - 'Dealer_Schedules_0310.zip' saved [11610]  
  
sysadmin@UbuntuDesktop:~$ wget https://utoronto.bootcampcontent.com/utoronto-bootcamp/utor-tor-cyber-pt-09-2020-u-c/blob/master/class_2/Week_3_Terminal_and_Bash/Homework/Resources/Roulette_Player_WinLoss_0310.zip  
--2020-10-05 23:08:58-- https://utoronto.bootcampcontent.com/utoronto-bootcamp/utor-tor-cyber-pt-09-2020-u-c/blob/master/class_2/Week_3_Terminal_and_Bash/Homework/Resources/Roulette_Player_WinLoss_0310.zip  
Resolving utoronto.bootcampcontent.com (utoronto.bootcampcontent.com)... 159.203.28.13  
Connecting to utoronto.bootcampcontent.com (utoronto.bootcampcontent.com)|159.203.28.13|:443... connected.  
HTTP request sent, awaiting response... 302 Found  
Location: https://utoronto.bootcampcontent.com/users/sign_in [following]  
--2020-10-05 23:08:58-- https://utoronto.bootcampcontent.com/users/sign_in  
Reusing existing connection to utoronto.bootcampcontent.com:443.  
HTTP request sent, awaiting response... 200 OK  
Length: unspecified [text/html]  
Saving to: 'Roulette_Player_WinLoss_0310.zip'
```

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```
Length: unspecified [text/html]  
Saving to: 'Roulette_Player_WinLoss_0310.zip'  
  
Roulette_Player_WinLoss_0310.zip [ <=> ] 11.34K --.-KB/s in 0s  
  
2020-10-05 23:08:58 (269 MB/s) - 'Roulette_Player_WinLoss_0310.zip' saved [11610]  
  
sysadmin@UbuntuDesktop:~$ ls  
Cybersecurity-Lesson-Plans Desktop Downloads Music Public research temp Videos  
Dealer_Schedules_0310.zip Documents index.html Pictures python Roulette_Player_WinLoss_0310.zip Templates  
sysadmin@UbuntuDesktop:~$ mv Dealer_Schedules_0310.zip Desktop/Linux/  
sysadmin@UbuntuDesktop:~$ mv Roulette_Player_WinLoss_0310.zip Desktop/Linux/  
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/  
Dealer_Schedules_0310.zip Roulette_Player_WinLoss_0310.zip Shortcut.txt  
sysadmin@UbuntuDesktop:~$
```

```
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/  
Dealer_Schedules_0310.zip Roulette_Player_WinLoss_0310.zip Setup_Evidence_Files.sh Shortcut.txt  
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/Dealer_Schedules_0310.zip -al  
-rw-r--r-- 1 sysadmin sysadmin 11610 Oct  5 23:08 Desktop/Linux/Dealer_Schedules_0310.zip  
sysadmin@UbuntuDesktop:~$ chmod 755 Desktop/Linux/Dealer_Schedules_0310.zip  
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/Dealer_Schedules_0310.zip -al  
-rwxr-xr-x 1 sysadmin sysadmin 11610 Oct  5 23:08 Desktop/Linux/Dealer_Schedules_0310.zip
```

```
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/  
Dealer_Schedules_0310.zip Roulette_Player_WinLoss_0310.zip Setup_Evidence_Files.sh Shortcut.txt  
sysadmin@UbuntuDesktop:~$ chmod 755 Desktop/Linux/Roulette_Player_WinLoss_0310.zip  
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/  
Dealer_Schedules_0310.zip Roulette_Player_WinLoss_0310.zip Setup_Evidence_Files.sh Shortcut.txt
```

class_2/Week_3_Terminal_and_Bash/Homework/Resources/Dealer_Schedules_0310.zip

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New

Step -1

```
es  Terminal  Tue 18:42
sysadmin@UbuntuDesktop: ~/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources
File Edit View Search Terminal Help
sysadmin@UbuntuDesktop:~$ ls
Cybersecurity-Lesson-Plans Desktop Documents Downloads Music Pictures Public python research temp Templates Videos
sysadmin@UbuntuDesktop:~$ ls Downloads/
utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources.zip
sysadmin@UbuntuDesktop:~$ unzip Downloads/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources.zip
Archive:  Downloads/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources.zip
098435ee5015503ba7ee1062cf33f4e51f6e51a7
  creating: utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/
  creating: utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/
  creating: utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/
  creating: utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/
  creating: utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources/
  inflating: utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources/Dealer_Schedules_0310.zip
  inflating: utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources/Roulette_Player_WinLoss_0310.zip
  inflating: utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources/Setup_Evidence_Files.sh
  extracting: utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources/readme
sysadmin@UbuntuDesktop:~$ ls
Cybersecurity-Lesson-Plans Downloads Public temp Videos
Desktop Music python Templates
Documents Pictures research utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources
sysadmin@UbuntuDesktop:~$ cd utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources/
sysadmin@UbuntuDesktop:~/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources$ ls
Dealer_Schedules_0310.zip readme Roulette_Player_WinLoss_0310.zip Setup_Evidence_Files.sh
sysadmin@UbuntuDesktop:~/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources$ mv Dealer_Schedules_0310.zip /home/sysadmin/Desktop/Linux/
sysadmin@UbuntuDesktop:~/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources$ mv Roulette_Player_WinLoss_0310.zip /home/sysadmin/Desktop/Linux/
sysadmin@UbuntuDesktop:~/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources$ mv Setup_Evidence_Files.sh /home/sysadmin/Desktop/Linux/
sysadmin@UbuntuDesktop:~/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources$ ls /home/sysadmin/Desktop/Linux/
Dealer_Schedules_0310.zip Roulette_Player_WinLoss_0310.zip Setup_Evidence_Files.sh Shortcut.txt
sysadmin@UbuntuDesktop:~/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources$
```

```
es  Terminal  Tue 18:48
sysadmin@UbuntuDesktop: ~/Desktop/Linux

File Edit View Search Terminal Help

sysadmin@UbuntuDesktop:~/utor-tor-cyber-pt-09-2020-u-c-master-class_2-Week_3_Terminal_and_Bash-Homework-Resources/class_2/Week_3_Terminal_and_Bash/Homework/Resources$ cd ~
sysadmin@UbuntuDesktop:~$ cd Desktop/Linux/
sysadmin@UbuntuDesktop:~/Desktop/Linux$ ls
Dealer_Schedules_0310.zip  Roulette_Player_WinLoss_0310.zip  Setup_Evidence_Files.sh  Shortcut.txt
sysadmin@UbuntuDesktop:~/Desktop/Linux$ du -sh Dealer_Schedules_0310.zip
8.0K   Dealer_Schedules_0310.zip
sysadmin@UbuntuDesktop:~/Desktop/Linux$ unzip Dealer_Schedules_0310.zip
Archive:  Dealer_Schedules_0310.zip
  inflating: Dealer_Schedules_0310/0310_Dealer_schedule
  inflating: Dealer_Schedules_0310/0311_Dealer_schedule
  inflating: Dealer_Schedules_0310/0312_Dealer_schedule
  inflating: Dealer_Schedules_0310/0313_Dealer_schedule
  inflating: Dealer_Schedules_0310/0314_Dealer_schedule
  inflating: Dealer_Schedules_0310/0315_Dealer_schedule
  inflating: Dealer_Schedules_0310/0316_Dealer_schedule
  inflating: Dealer_Schedules_0310/0317_Dealer_schedule
sysadmin@UbuntuDesktop:~/Desktop/Linux$ du -sh Dealer_Schedules_0310
36K   Dealer_Schedules_0310
sysadmin@UbuntuDesktop:~/Desktop/Linux$ du -sh Roulette_Player_WinLoss_0310.zip
8.0K   Roulette_Player_WinLoss_0310.zip
sysadmin@UbuntuDesktop:~/Desktop/Linux$ unzip Roulette_Player_WinLoss_0310.zip
Archive:  Roulette_Player_WinLoss_0310.zip
  inflating: Roulette_Player_WinLoss_0310/0310_win_loss_player_data
  inflating: Roulette_Player_WinLoss_0310/0311_win_loss_player_data
  inflating: Roulette_Player_WinLoss_0310/0312_win_loss_player_data
  inflating: Roulette_Player_WinLoss_0310/0313_win_loss_player_data
  inflating: Roulette_Player_WinLoss_0310/0314_win_loss_player_data
  inflating: Roulette_Player_WinLoss_0310/0315_win_loss_player_data
  inflating: Roulette_Player_WinLoss_0310/0316_win_loss_player_data
  inflating: Roulette_Player_WinLoss_0310/0317_win_loss_player_data
sysadmin@UbuntuDesktop:~/Desktop/Linux$ du -sh Roulette_Player_WinLoss_0310.zip
8.0K   Roulette_Player_WinLoss_0310.zip
sysadmin@UbuntuDesktop:~/Desktop/Linux$ du -sh Roulette_Player_WinLoss_0310
36K   Roulette_Player_WinLoss_0310
sysadmin@UbuntuDesktop:~/Desktop/Linux$ ls
Dealer_Schedules_0310  Dealer_Schedules_0310.zip  Roulette_Player_WinLoss_0310  Roulette_Player_WinLoss_0310.zip  Setup_Evidence_Files.sh  Shortcut.txt
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux$ clear

sysadmin@UbuntuDesktop:~/Desktop/Linux$ mkdir Lucky_Duck_Investigations
sysadmin@UbuntuDesktop:~/Desktop/Linux$ ls
Dealer_Schedules_0310  Dealer_Schedules_0310.zip  Lucky_Duck_Investigations  Roulette_Player_WinLoss_0310  Roulette_Player_WinLoss_0310.zip  Setup_Evidence_Files.sh  Shortcut.txt
sysadmin@UbuntuDesktop:~/Desktop/Linux$ mkdir Lucky_Duck_Investigations/Roulette_Loss_Investigation
sysadmin@UbuntuDesktop:~/Desktop/Linux$ ls Lucky_Duck_Investigations/
Roulette_Loss_Investigation
```

```
es  Terminal  Tue 19:13
sysadmin@UbuntuDesktop: ~

File Edit View Search Terminal Help

sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/
Dealer_Schedules_0310  Dealer_Schedules_0310.zip  Lucky_Duck_Investigations  Roulette_Player_WinLoss_0310  Roulette_Player_WinLoss_0310.zip  Setup_Evidence_Files.sh  Shortcut.txt
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/
sysadmin@UbuntuDesktop:~$ mkdir Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis
sysadmin@UbuntuDesktop:~$ mkdir Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis
sysadmin@UbuntuDesktop:~$ mkdir Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/
Dealer_Analysis  Player_Dealer_Correlation  Player_Analysis
```



```
es  Terminal ▼
Tue 19:17
sysadmin@UbuntuDesktop: ~

File Edit View Search Terminal Help
sysadmin@UbuntuDesktop:~$ touch Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Dealer_Correlation/Notes_Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~$ touch Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis/Notes_Player_Analysis
sysadmin@UbuntuDesktop:~$ touch Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis/Notes_Dealer_Analysis
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis/Notes_Dealer_Analysis
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis/Notes_Player_Analysis
sysadmin@UbuntuDesktop:~$ ls Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Dealer_Correlation/Notes_Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~$
```

Step -2

```
sysadmin@UbuntuDesktop: ~/Desktop/Linux

File Edit View Search Terminal Help
sysadmin@UbuntuDesktop:~$ cd Desktop/Linux/
sysadmin@UbuntuDesktop:~/Desktop/Linux$ wget "https://tinyurl.com/3-HW-setup-evidence" && chmod +x ./3-HW-setup-evidence && ./3-HW-setup-evidence
--2020-10-06 19:41:29-- https://tinyurl.com/3-HW-setup-evidence
Resolving tinyurl.com (tinyurl.com)... 104.20.139.65, 104.20.138.65, 172.67.1.225, ...
Connecting to tinyurl.com (tinyurl.com)[104.20.139.65]:443... connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://gist.githubusercontent.com/eddimus/e57fcb9510dd18225142cb23f236da24/raw/39f7f71b22ae7997e92d82e57aedd02bbb6dd481/Setup_Evidence_Files.sh [following]
--2020-10-06 19:41:29-- https://gist.githubusercontent.com/eddimus/e57fcb9510dd18225142cb23f236da24/raw/39f7f71b22ae7997e92d82e57aedd02bbb6dd481/Setup_Evidence_Files.sh
Resolving gist.githubusercontent.com (gist.githubusercontent.com)... 151.101.124.133
Connecting to gist.githubusercontent.com (gist.githubusercontent.com)[151.101.124.133]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 32625 (32K) [text/plain]
Saving to: '3-HW-setup-evidence.2'

3-HW-setup-evidence.2                100%[=====] 31.86K  --.-KB/s   in 0.03s

2020-10-06 19:41:29 (1.23 MB/s) - '3-HW-setup-evidence.2' saved [32625/32625]

sysadmin@UbuntuDesktop:~/Desktop/Linux$ ls
3-HW-setup-evidence  Dealer_Schedules_0310.zip  Roulette_Player_WinLoss_0310  Setup_Evidence_Files.sh
Dealer_Schedules_0310  Lucky_Duck_Investigations  Roulette_Player_WinLoss_0310.zip  Shortcut.txt
sysadmin@UbuntuDesktop:~/Desktop/Linux$ ls -al
total 104
drwxr-xr-x 5 sysadmin sysadmin 4096 Oct 6 19:43 .
drwxr-xr-x 3 sysadmin sysadmin 4096 Oct 5 22:08 ..
-rwxr-xr-x 1 sysadmin sysadmin 32625 Oct 6 19:37 3-HW-setup-evidence
drwxr-xr-x 2 sysadmin sysadmin 4096 Oct 6 18:45 Dealer_Schedules_0310
-rw-r--r-- 1 sysadmin sysadmin 4750 Oct 4 22:24 Dealer_Schedules_0310.zip
drwxr-xr-x 3 sysadmin sysadmin 4096 Oct 6 19:30 Lucky_Duck_Investigations
drwxr-xr-x 2 sysadmin sysadmin 4096 Oct 6 18:47 Roulette_Player_WinLoss_0310
-rw-r--r-- 1 sysadmin sysadmin 6811 Oct 4 22:24 Roulette_Player_WinLoss_0310.zip
-rw-r--r-- 1 sysadmin sysadmin 32625 Oct 4 22:24 Setup_Evidence_Files.sh
-rwxr-xr-x 1 sysadmin sysadmin 175 Oct 5 22:53 Shortcut.txt
sysadmin@UbuntuDesktop:~/Desktop/Linux$
```

File Edit View Search Terminal Help

```

sysadmin@UbuntuDesktop:~$ cd Desktop/Linux/Dealer_Schedules_0310/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Dealer_Schedules_0310$ ls
0310_Dealer_schedule 0311_Dealer_schedule 0312_Dealer_schedule 0313_Dealer_schedule 0314_Dealer_schedule 0315_Dealer_schedule 0316_Dealer_schedule 0317_Dealer_schedule
sysadmin@UbuntuDesktop:~/Desktop/Linux/Dealer_Schedules_0310$ mv 0310_Dealer_schedule /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Dealer_Schedules_0310$ mv 0312_Dealer_schedule /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Dealer_Schedules_0310$ mv 0315_Dealer_schedule /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Dealer_Schedules_0310$ ls /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis/
Notes_Player_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Dealer_Schedules_0310$ ls -al /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis/
total 8
drwxr-xr-x 2 sysadmin sysadmin 4096 Oct  6 19:15 .
drwxr-xr-x 5 sysadmin sysadmin 4096 Oct  6 19:09 ..
-rw-r--r-- 1 sysadmin sysadmin  0 Oct  6 19:15 Notes_Player_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Dealer_Schedules_0310$ ls -al /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis/
total 20
drwxr-xr-x 2 sysadmin sysadmin 4096 Oct  6 21:07 .
drwxr-xr-x 5 sysadmin sysadmin 4096 Oct  6 19:09 ..
-rw-r--r-- 1 sysadmin sysadmin 1489 Oct  6 19:41 0310_Dealer_schedule
-rw-r--r-- 1 sysadmin sysadmin 1489 Oct  6 19:41 0312_Dealer_schedule
-rw-r--r-- 1 sysadmin sysadmin 1489 Oct  6 19:41 0315_Dealer_schedule
-rw-r--r-- 1 sysadmin sysadmin  0 Oct  6 19:15 Notes_Dealer_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Dealer_Schedules_0310$ cd ..
sysadmin@UbuntuDesktop:~/Desktop/Linux$ ls
3-HW-setup-evidence  Dealer_Schedules_0310.zip  Roulette_Player_WinLoss_0310  Setup_Evidence_Files.sh
Dealer_Schedules_0310  Lucky_Duck_Investigations  Roulette_Player_WinLoss_0310.zip  Shortcut.txt
sysadmin@UbuntuDesktop:~/Desktop/Linux$ cd Roulette_Player_WinLoss_0310/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Roulette_Player_WinLoss_0310$ ls
0310_win_loss_player_data 0312_win_loss_player_data 0314_win_loss_player_data 0316_win_loss_player_data
0311_win_loss_player_data 0313_win_loss_player_data 0315_win_loss_player_data 0317_win_loss_player_data
sysadmin@UbuntuDesktop:~/Desktop/Linux/Roulette_Player_WinLoss_0310$ mv 0310_win_loss_player_data /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Roulette_Player_WinLoss_0310$ mv 0312_win_loss_player_data /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Roulette_Player_WinLoss_0310$ mv 0315_win_loss_player_data /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Roulette_Player_WinLoss_0310$ ls -al /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis/
total 20
drwxr-xr-x 2 sysadmin sysadmin 4096 Oct  6 21:14 .
drwxr-xr-x 5 sysadmin sysadmin 4096 Oct  6 19:09 ..
-rw-r--r-- 1 sysadmin sysadmin 2319 Oct  6 19:41 0310_win_loss_player_data
-rw-r--r-- 1 sysadmin sysadmin 2379 Oct  6 19:41 0312_win_loss_player_data
-rw-r--r-- 1 sysadmin sysadmin 2310 Oct  6 19:41 0315_win_loss_player_data
-rw-r--r-- 1 sysadmin sysadmin  0 Oct  6 19:15 Notes_Player_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Roulette_Player_WinLoss_0310$

```

Step -3

```

sysadmin@UbuntuDesktop:~$ cd /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
Dealer_Analysis  Player_Analysis  Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ cd Player_Analysis/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ ls
0310_win_loss_player_data  0312_win_loss_player_data  0315_win_loss_player_data  Notes Player Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -s* 0310_win_loss_player_data 0312_win_loss_player_data 0315_win_loss_player_data >
Roulette_Losses
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ ls
0310_win_loss_player_data  0312_win_loss_player_data  0315_win_loss_player_data  Notes Player Analysis  Roulette_Losses
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ cat Roulette_Losses
0310_win_loss_player_data:05:00:00 AM  -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
0310_win_loss_player_data:08:00:00 AM  -$97,383      Chanelle Tapia, Shelley Dodson , Valentino Smith, Mylie Schmidt
0310_win_loss_player_data:02:00:00 PM  -$82,348      Jaden Clarkson, Kaidan Sheridan, Mylie Schmidt
0310_win_loss_player_data:08:00:00 PM  -$65,348      Mylie Schmidt, Trixie Velasquez, Jerome Klein ,Rahma Buckley
0310_win_loss_player_data:11:00:00 PM  -$88,383      Mcfadden Wasin, Norman Cooper, Mylie Schmidt
0312_win_loss_player_data:05:00:00 AM  -$182,300     Montana Kirk, Alysia Goodman, Halima Little, Etienne Brady, Mylie Schmidt
0312_win_loss_player_data:08:00:00 AM  -$97,383      Rimsha Gardiner,Fern Cleveland, Mylie Schmidt,Kobe Higgins
0312_win_loss_player_data:02:00:00 PM  -$82,348      Mae Hail, Mylie Schmidt,Ayden Beil
0312_win_loss_player_data:08:00:00 PM  -$65,792      Tallulah Rawlings,Josie Dawe, Mylie Schmidt,Hakim Stott, Esther Callaghan, Ciaron Villanueva
0312_win_loss_player_data:11:00:00 PM  -$88,229      Vlad Hatfield,Kerys Frazier,Mya Butler, Mylie Schmidt,Lex Oakley,Elin Wormald
0315_win_loss_player_data:05:00:00 AM  -$82,844      Arjan Guzman,Sommer Mann, Mylie Schmidt
0315_win_loss_player_data:08:00:00 AM  -$97,001      Lilianna Devlin,Brendan Lester, Mylie Schmidt,Blade Robertson,Derrick Schroeder
0315_win_loss_player_data:02:00:00 PM  -$182,419     Mylie Schmidt, Corey Huffman
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$

```


File Edit View Search Terminal Help

```

sysadmin@UbuntuDesktop:~$ cd Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ ls
0310_win_loss_player_data  0312_win_loss_player_data  0315_win_loss_player_data  Notes_Player_Analysis  Roulette_Losses
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ cat Roulette_Losses
0310_win_loss_player_data:05:00:00 AM  -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
0310_win_loss_player_data:08:00:00 AM  -$97,383      Chanelle Tapia, Shelley Dodson , Valentino Smith, Mylie Schmidt
0310_win_loss_player_data:02:00:00 PM  -$82,348      Jaden Clarkson, Kaidan Sheridan, Mylie Schmidt
0310_win_loss_player_data:08:00:00 PM  -$65,348      Mylie Schmidt, Trixie Velasquez, Jerome Klein ,Rahma Buckley
0310_win_loss_player_data:11:00:00 PM  -$88,383      Mcfadden Wasim, Norman Cooper, Mylie Schmidt
0312_win_loss_player_data:05:00:00 AM  -$182,300     Montana Kirk, Alysia Goodman, Halima Little, Etienne Brady, Mylie Schmidt
0312_win_loss_player_data:08:00:00 AM  -$97,383      Rimsha Gardiner,Fern Cleveland, Mylie Schmidt,Kobe Higgins
0312_win_loss_player_data:02:00:00 PM  -$82,348      Mae Hail, Mylie Schmidt,Ayden Beil
0312_win_loss_player_data:08:00:00 PM  -$65,792      Tallulah Rawlings,Josie Dawe, Mylie Schmidt,Hakim Stott, Esther Callaghan, Ciaron Villanueva
0312_win_loss_player_data:11:00:00 PM  -$88,229      Vlad Hatfield,Kerys Frazier,Mya Butler, Mylie Schmidt,Lex Oakley,Elin Wormald
0315_win_loss_player_data:05:00:00 AM  -$82,844      Arjan Guzman,Sommer Mann, Mylie Schmidt
0315_win_loss_player_data:08:00:00 AM  -$97,001      Lilianna Devlin,Brendan Lester, Mylie Schmidt,Blade Robertson,Derrick Schroeder
0315_win_loss_player_data:02:00:00 PM  -$182,419     Mylie Schmidt, Corey Huffman
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -*$ 0310_win_loss_player_data
05:00:00 AM  -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
08:00:00 AM  -$97,383      Chanelle Tapia, Shelley Dodson , Valentino Smith, Mylie Schmidt
02:00:00 PM  -$82,348      Jaden Clarkson, Kaidan Sheridan, Mylie Schmidt
08:00:00 PM  -$65,348      Mylie Schmidt, Trixie Velasquez, Jerome Klein ,Rahma Buckley
11:00:00 PM  -$88,383      Mcfadden Wasim, Norman Cooper, Mylie Schmidt
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -*$ 0312_win_loss_player_data
05:00:00 AM  -$182,300     Montana Kirk, Alysia Goodman, Halima Little, Etienne Brady, Mylie Schmidt
08:00:00 AM  -$97,383      Rimsha Gardiner,Fern Cleveland, Mylie Schmidt,Kobe Higgins
02:00:00 PM  -$82,348      Mae Hail, Mylie Schmidt,Ayden Beil
08:00:00 PM  -$65,792      Tallulah Rawlings,Josie Dawe, Mylie Schmidt,Hakim Stott, Esther Callaghan, Ciaron Villanueva
11:00:00 PM  -$88,229      Vlad Hatfield,Kerys Frazier,Mya Butler, Mylie Schmidt,Lex Oakley,Elin Wormald
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -*$ 0315_win_loss_player_data
05:00:00 AM  -$82,844      Arjan Guzman,Sommer Mann, Mylie Schmidt
08:00:00 AM  -$97,001      Lilianna Devlin,Brendan Lester, Mylie Schmidt,Blade Robertson,Derrick Schroeder
02:00:00 PM  -$182,419     Mylie Schmidt, Corey Huffman

```

```

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -*$ 0310_win_loss_player_data >> Notes_Player_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -*$ 0312_win_loss_player_data >> Notes_Player_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -*$ 0315_win_loss_player_data >> Notes_Player_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ cat Notes_Player_Analysis
05:00:00 AM  -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
08:00:00 AM  -$97,383      Chanelle Tapia, Shelley Dodson , Valentino Smith, Mylie Schmidt
02:00:00 PM  -$82,348      Jaden Clarkson, Kaidan Sheridan, Mylie Schmidt
08:00:00 PM  -$65,348      Mylie Schmidt, Trixie Velasquez, Jerome Klein ,Rahma Buckley
11:00:00 PM  -$88,383      Mcfadden Wasim, Norman Cooper, Mylie Schmidt
05:00:00 AM  -$182,300     Montana Kirk, Alysia Goodman, Halima Little, Etienne Brady, Mylie Schmidt
08:00:00 AM  -$97,383      Rimsha Gardiner,Fern Cleveland, Mylie Schmidt,Kobe Higgins
02:00:00 PM  -$82,348      Mae Hail, Mylie Schmidt,Ayden Beil
08:00:00 PM  -$65,792      Tallulah Rawlings,Josie Dawe, Mylie Schmidt,Hakim Stott, Esther Callaghan, Ciaron Villanueva
11:00:00 PM  -$88,229      Vlad Hatfield,Kerys Frazier,Mya Butler, Mylie Schmidt,Lex Oakley,Elin Wormald
05:00:00 AM  -$82,844      Arjan Guzman,Sommer Mann, Mylie Schmidt
08:00:00 AM  -$97,001      Lilianna Devlin,Brendan Lester, Mylie Schmidt,Blade Robertson,Derrick Schroeder
02:00:00 PM  -$182,419     Mylie Schmidt, Corey Huffman
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$

```

```

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ ls
0310_win_loss_player_data  0312_win_loss_player_data  0315_win_loss_player_data  Notes_Player_Analysis  Roulette_Losses
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -i amirah* Notes_Player_Analysis
05:00:00 AM      -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -i nola* Notes_Player_Analysis
05:00:00 AM      -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -i suhayb* Notes_Player_Analysis
05:00:00 AM      -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -i millicent* Notes_Player_Analysis
05:00:00 AM      -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -i avi* Notes_Player_Analysis
05:00:00 AM      -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -i mylie* Notes_Player_Analysis
05:00:00 AM      -$82,348      Amirah Schneider,Nola Portillo, Mylie Schmidt,Suhayb Maguire,Millicent Betts,Avi Graves
08:00:00 AM      -$97,383      Chanelle Tapia, Shelley Dodson , Valentino Smith, Mylie Schmidt
02:00:00 PM      -$82,348      Jaden Clarkson, Kaidan Sheridan, Mylie Schmidt
08:00:00 PM      -$65,348      Mylie Schmidt, Trixie Velasquez, Jerome Klein ,Rahma Buckley
11:00:00 PM      -$88,383      Mcfadden Wasim, Norman Cooper, Mylie Schmidt
05:00:00 AM      -$182,300     Montana Kirk, Alysia Goodman, Halima Little, Etienne Brady, Mylie Schmidt
08:00:00 AM      -$97,383      Rimsha Gardiner,Fern Cleveland, Mylie Schmidt,Kobe Higgins
02:00:00 PM      -$82,348      Mae Hail, Mylie Schmidt,Ayden Beil
08:00:00 PM      -$65,792      Tallulah Rawlings,Josie Dawe, Mylie Schmidt,Hakim Stott, Esther Callaghan, Ciaron Villanueva
11:00:00 PM      -$88,229      Vlad Hatfield,Kerys Frazier,Mya Butler, Mylie Schmidt,Lex Oakley,Elin Wormald
05:00:00 AM      -$82,844      Arjan Guzman,Sommer Mann, Mylie Schmidt
08:00:00 AM      -$97,001      Lilianna Devlin,Brendan Lester, Mylie Schmidt,Blade Robertson,Derrick Schroeder
02:00:00 PM      -$182,419     Mylie Schmidt, Corey Huffman
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$ grep -i mylie* Notes_Player_Analysis | wc -l
13
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Player_Analysis$

```

Dealer

File Edit View Search Terminal Help

```
sysadmin@UbuntuDesktop:~$ cd Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis/
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ ls
```

```
0310_Dealer_schedule  0312_Dealer_schedule  0315_Dealer_schedule  Notes_Dealer_Analysis
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ head -5 0310_Dealer_schedule
```

```
Hour AM/PM      BlackJack_Dealer_FNAME LAST      Roulette_Dealer_FNAME LAST      Texas_Hold_EM_dealer_FNAME LAST
```

```
12:00:00 AM      Izabela Parrish Marlene Mcpherson      Madina Britton
```

```
01:00:00 AM      Billy Jones      Saima Mcdermott Summer-Louise Hammond
```

```
02:00:00 AM      Summer-Louise Hammond      Abigale Rich      John-James Hayward
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ head -5 0312_Dealer_schedule
```

```
Hour AM/PM      BlackJack_Dealer_FNAME LAST      Roulette_Dealer_FNAME LAST      Texas_Hold_EM_dealer_FNAME LAST
```

```
12:00:00 AM      Izabela Parrish Marlene Mcpherson      Madina Britton
```

```
01:00:00 AM      Billy Jones      Saima Mcdermott Summer-Louise Hammond
```

```
02:00:00 AM      Summer-Louise Hammond      Abigale Rich      John-James Hayward
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ head -5 0315_Dealer_schedule
```

```
Hour AM/PM      BlackJack_Dealer_FNAME LAST      Roulette_Dealer_FNAME LAST      Texas_Hold_EM_dealer_FNAME LAST
```

```
12:00:00 AM      Izabela Parrish Marlene Mcpherson      Madina Britton
```

```
01:00:00 AM      Billy Jones      Saima Mcdermott Summer-Louise Hammond
```

```
02:00:00 AM      Summer-Louise Hammond      Abigale Rich      John-James Hayward
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$
```



```
Terminal Mon 17:58
sysadmin@UbuntuDesktop: ~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis

File Edit View Search Terminal Help

sysadmin@UbuntuDesktop:~$ cd /home/sysadmin/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis/
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ ls
0310_Dealer_schedule  0312_Dealer_schedule  0315_Dealer_schedule  Notes_Dealer_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ nano March10RouletteSchedule.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ ls
0310_Dealer_schedule  0312_Dealer_schedule  0315_Dealer_schedule  March10RouletteSchedule.sh  Notes_Dealer_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ sh March10RouletteSchedule.sh March 10, full Roulette schedule with day and time

Script has been run successfully and saved in March10RouletteSchedule

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ ls
0310_Dealer_schedule  0315_Dealer_schedule  March10RouletteSchedule.sh
0312_Dealer_schedule  March10RouletteSchedule  Notes_Dealer_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ cat March10RouletteSchedule
0310 AM/PM Roulette_Dealer_FNAME LAST
2:00:00 AM Marlene Mcpherson
1:00:00 AM Saima Mcdermott
2:00:00 AM Abigale Rich
3:00:00 AM Evalyn Howell
4:00:00 AM Cleveland Hanna
5:00:00 AM Billy Jones
6:00:00 AM Saima Mcdermott
7:00:00 AM Abigale Rich
8:00:00 AM Billy Jones
9:00:00 AM Cleveland Hanna
9:00:00 AM Madina Britton
1:00:00 AM Summer-Louise Hammond
2:00:00 PM John-James Hayward
1:00:00 PM Chyna Mercado
2:00:00 PM Billy Jones
3:00:00 PM Evalyn Howell
4:00:00 PM Cleveland Hanna
5:00:00 PM Rahima Figueroa
6:00:00 PM John-James Hayward
7:00:00 PM Chyna Mercado
8:00:00 PM Billy Jones
9:00:00 PM Evalyn Howell
9:00:00 PM Katey Bean
1:00:00 PM Billy Jones
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$
```

```
es Terminal Mon 18:25
sysadmin@UbuntuDesktop: ~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis

File Edit View Search Terminal Help

GNU nano 2.9.3 March10RouletteSchedule.sh

#!/Bin/bash

# Roulette Schedule with day and time for March 10

# will run another script to compare with loss with player

echo "March 10, full Roulette schedule with day and time \n"

awk '{print $1, $2, $5, $6}' ./0310_Dealer_schedule > March10RouletteSchedule

echo "Script has been run successfully and saved in March10RouletteSchedule \n"

#
```

```
es  Terminal  Mon 18:35
sysadmin@UbuntuDesktop: ~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis

File Edit View Search Terminal Help
GNU nano 2.9.3 March12RouletteSchedule.sh

#!/Bin/bash

# Roulette Schedule with day and time for March 12

# will run another script to compare with loss with player

echo "March 12, full Roulette schedule with day and time \n"

awk '{print $1, $2, $5, $6}' ./0312_Dealer_schedule > March12RouletteSchedule

echo "Script has been run successfully and saved in March12RouletteSchedule \n"
```

```
es  Terminal  Mon 18:35
sysadmin@UbuntuDesktop: ~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis

File Edit View Search Terminal Help
GNU nano 2.9.3 March15RouletteSchedule.sh

#!/Bin/bash

# Roulette Schedule with day and time for March 15

# will run another script to compare with loss with player

echo "March 15, full Roulette schedule with day and time \n"

awk '{print $1, $2, $5, $6}' ./0315_Dealer_schedule > March15RouletteSchedule

echo "Script has been run successfully and saved in March10RouletteSchedule \n"
```


File Edit View Search Terminal Help

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ nano March15RouletteSchedule.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ ls
0310_Dealer_schedule  0315_Dealer_schedule  March10RouletteSchedule.sh  March12RouletteSchedule.sh  Notes_Dealer_Analysis
0312_Dealer_schedule  March10RouletteSchedule  March12RouletteSchedule  March15RouletteSchedule.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ sh March15RouletteSchedule.sh
March15RouletteSchedule.sh: 1: March15RouletteSchedule.sh: !/Bin/bash: not found
March 15, full Roulette schedule with day and time
```

Script has been run successfully and saved in March10RouletteSchedule

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ ls
0310_Dealer_schedule  0315_Dealer_schedule  March10RouletteSchedule.sh  March12RouletteSchedule.sh  March15RouletteSchedule.sh
0312_Dealer_schedule  March10RouletteSchedule  March12RouletteSchedule  March15RouletteSchedule  Notes_Dealer_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ cat March15RouletteSchedule
Hour AM/PM Roulette_Dealer_FNAME LAST
```

```
12:00:00 AM Marlene Mcpherson
01:00:00 AM Saima Mcdermott
02:00:00 AM Abigale Rich
03:00:00 AM Evalyn Howell
04:00:00 AM Cleveland Hanna
05:00:00 AM Billy Jones
06:00:00 AM Saima Mcdermott
07:00:00 AM Abigale Rich
08:00:00 AM Billy Jones
09:00:00 AM Cleveland Hanna
10:00:00 AM Madina Britton
11:00:00 AM Summer-Louise Hammond
12:00:00 PM John-James Hayward
01:00:00 PM Chyna Mercado
02:00:00 PM Billy Jones
03:00:00 PM Evalyn Howell
04:00:00 PM Cleveland Hanna
05:00:00 PM Rahima Figueroa
06:00:00 PM John-James Hayward
07:00:00 PM Chyna Mercado
08:00:00 PM Billy Jones
09:00:00 PM Evalyn Howell
10:00:00 PM Katey Bean
11:00:00 PM Billy Jones
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$ nano March12RouletteSchedule.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis$
```

sysadmin@UbuntuDesktop: ~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis

File Edit View Search Terminal Help

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis\$ ls

0310_Dealer_schedule 0315_Dealer_schedule March10RouletteSchedule.sh March12RouletteSchedule.sh March15RouletteSchedule.sh

0312_Dealer_schedule March10RouletteSchedule March12RouletteSchedule March15RouletteSchedule Notes_Dealer_Analysis

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis\$ sh March10RouletteSchedule.sh

March 10, full Roulette schedule with day and time

Script has been run successfully and saved in March10RouletteSchedule

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis\$ sh March12RouletteSchedule.sh

March 12, full Roulette schedule with day and time

Script has been run successfully and saved in March12RouletteSchedule

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis\$ sh March15RouletteSchedule.sh

March15RouletteSchedule.sh: 1: March15RouletteSchedule.sh: !/Bin/bash: not found

March 15, full Roulette schedule with day and time

Script has been run successfully and saved in March10RouletteSchedule

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis\$ ls

0310_Dealer_schedule 0315_Dealer_schedule March10RouletteSchedule.sh March12RouletteSchedule.sh March15RouletteSchedule.sh

0312_Dealer_schedule March10RouletteSchedule March12RouletteSchedule March15RouletteSchedule Notes_Dealer_Analysis

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis\$

```

File Edit View Search Terminal Help
Dealer_Analysis Dealers_March10-5am.sh Dealers_working_during_losses Player_Analysis Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ cat Dealers_working_during_losses
0310_win_loss_player_data:05:00:00 AM -$82,348
0310_win_loss_player_data:05:00:00 AM -$82,348
Billy Jones
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ rm Dealers_working_during_losses
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
Dealer_Analysis Dealers_March10-5am.sh Player_Analysis Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March10-5am.sh
Script has been run for 05:00:00 AM for March 10

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
Dealer_Analysis Dealers_March10-5am.sh Dealers_working_during_losses Player_Analysis Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ cat Dealers_working_during_losses
0310_win_loss_player_data:05:00:00 AM -$82,348
Billy Jones
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ rm Dealers_working_during_losses
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
Dealer_Analysis Dealers_March10-5am.sh Player_Analysis Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ nano Dealers_March10-5am.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March10-5am.sh
Script has been run for 05:00:00 AM for March 10

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
Dealer_Analysis Dealers_March10-5am.sh Dealers_working_during_losses Player_Analysis Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ cat Dealers_working_during_losses
0310_win_loss_player_data:05:00:00 AM -$82,348
Billy Jones
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ █

```

```

File Machine View Input Devices Help
GNU nano 2.9.3 Dealers_March10-5am.sh

#!/bin/bash

#Script for March 10 with time, Loss and Dealer█

grep '0310' ./Player_Analysis/Roulette_Losses | grep '05:00:00 AM' | awk '{print $1, $2, $3}' >> Dealers_working_during_losses && grep '05:00:00 AM' ./Dealer_Analysis/March10RouletteSchedule | awk '{print $5, $4}' >> Dealers_working_during_losses

echo "Script has been run for 05:00:00 AM for March 10\n"

```

File Edit View Search Terminal Help

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
```

```
Dealer_Analysis  Dealers_March10-5am.sh  Dealers_March10-8am.sh  Player_Analysis  Player_Dealer_Correlation
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March10-5am.sh
```

```
Script has been run for 05:00:00 AM for March 10
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March10-8am.sh
```

```
Script has been run for 08:00:00 AM for March 10
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
```

```
Dealer_Analysis  Dealers_March10-5am.sh  Dealers_March10-8am.sh  Dealers_working_during_losses  Player_Analysis  Player_Dealer_Correlation
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ cat Dealers_working_during_losses
```

```
0310_win_loss_player_data:05:00:00 AM -$82,348
```

```
Billy Jones
```

```
0310_win_loss_player_data:08:00:00 AM -$97,383
```

```
Billy Jones
```

```
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$
```

```
es  Terminal ▾ Mon 23:30
sysadmin@UbuntuDesktop: ~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation

File Edit View Search Terminal Help

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
Dealer_Analysis  Dealers_March10-2pm.sh  Dealers_March10-5am.sh  Dealers_March10-8am.sh  Dealers_working_during_losses  Player_Analysis  Player_Dealer_Correlation
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ cat Dealers_working_during_losses
0310_win_loss_player_data:05:00:00 AM -$82,348
Billy Jones
0310_win_loss_player_data:08:00:00 AM -$97,383
Billy Jones
0310_win_loss_player_data:02:00:00 PM -$82,348
Billy Jones
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ nano Dealers_March10-8pm.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March10-8pm.sh
Script has been run for 08:00:00 PM for March 10

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ cat Dealers_working_during_losses
0310_win_loss_player_data:05:00:00 AM -$82,348
Billy Jones
0310_win_loss_player_data:08:00:00 AM -$97,383
Billy Jones
0310_win_loss_player_data:02:00:00 PM -$82,348
Billy Jones
0310_win_loss_player_data:08:00:00 PM -$65,348
Billy Jones
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ nano Dealers_March10-11pm.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March10-11pm.sh
Script has been run for 11:00:00 PM for March 10

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
Dealer_Analysis  Dealers_March10-2pm.sh  Dealers_March10-8am.sh  Dealers_working_during_losses  Player_Dealer_Correlation
Dealers_March10-11pm.sh  Dealers_March10-5am.sh  Dealers_March10-8pm.sh  Player_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ cat Dealers_working_during_losses
0310_win_loss_player_data:05:00:00 AM -$82,348
Billy Jones
0310_win_loss_player_data:08:00:00 AM -$97,383
Billy Jones
0310_win_loss_player_data:02:00:00 PM -$82,348
Billy Jones
0310_win_loss_player_data:08:00:00 PM -$65,348
Billy Jones
0310_win_loss_player_data:11:00:00 PM -$88,383
Billy Jones
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$
```

March 12

File Edit View Search Terminal Help

```

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ ls
Dealer_Analysis      Dealers_March10-2pm.sh  Dealers_March10-8am.sh  Dealers_working_during_losses  Player_Dealer_Correlation
Dealers_March10-11pm.sh  Dealers_March10-5am.sh  Dealers_March10-8pm.sh  Player_Analysis
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ nano Dealers_March12-5am.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March12-5am.sh
Script has been run for 08:00:00 AM for March 10

```

```

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ nano Dealers_March12-8am.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March12-8am.sh
Script has been run for 08:00:00 AM for March 12

```

```

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ nano Dealers_March12-2pm.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March12-2pm.sh
Script has been run for 02:00:00 AM for March 12

```

```

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ nano Dealers_March12-8pm.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March12-8pm.sh
Script has been run for 08:00:00 PM for March 12

```

```

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ nano Dealers_March12-11pm.sh
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ sh Dealers_March12-11pm.sh
Script has been run for 11:00:00 PM for March 12

```

```

sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$ cat Dealers_working_during_losses
0310_win_loss_player_data:05:00:00 AM -$82,348
Billy Jones
0310_win_loss_player_data:08:00:00 AM -$97,383
Billy Jones
0310_win_loss_player_data:02:00:00 PM -$82,348
Billy Jones
0310_win_loss_player_data:08:00:00 PM -$65,348
Billy Jones
0310_win_loss_player_data:11:00:00 PM -$88,383
Billy Jones
0312_win_loss_player_data:05:00:00 AM -$182,300
Billy Jones
0312_win_loss_player_data:08:00:00 AM -$97,383
Billy Jones
0312_win_loss_player_data:02:00:00 PM -$82,348
Billy Jones
0312_win_loss_player_data:08:00:00 PM -$65,792
Billy Jones
0312_win_loss_player_data:11:00:00 PM -$88,229
Billy Jones
sysadmin@UbuntuDesktop:~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation$

```

March 15

sysadmin@UbuntuDesktop: ~/Desktop/Linux/Lucky_Duck_Investigations/Roulette_Loss_Investigation/Dealer_Analysis

File Edit View Search Terminal Help

GNU nano 2.9.3

roulette_dealer_finder_by_time_and_game.sh

! /bin/bash

```
grep -l " " 0* ./03* | awk -F" " '{print $1, $2, $3, $4, $5, $6, $7, $8}'
```

sysadmin@UbuntuDesk

Investigation/Dealer_Analysis



Automatic suspend
Computer will suspend very soon because of inactivity.

File Edit View Search Terminal Help

GNU nano 2.9.3

rouletteDealerFinderByTime.sh

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

```
grep -l " " 0* ./03* | awk -F" " '{print $1, $2, $5, $6}'
```

```
#cat $1_Dealer_schedule | awk -F" " '{print $1, $2, $5,$6}' | grep "$2"
```

[Read 7 lines]

^G Get Help
^X Exit

^O Write Out
^R Read File

^W Where Is
^_ Replace

^K Cut Text
^U Uncut Text

^J Justify
^T To Linter

^C Cur Pos
^_ Go To Line

M-U Undo
M-E Redo

M-A Mark Text
M-6 Copy Text