

LINUX ASSIGNMENT

AMAN
EMP ID: 1702

EXERCISE 1:-

Script:

```
echo "Shell Scripting is Fun!"
```

EXERCISE 2:-

Script:

```
funVar="Shell Scripting is Fun!"  
echo $funVar
```

EXERCISE 3:-

Script:

```
HOSTNAME=$(hostname)  
echo "This script is running on $HOSTNAME"
```

EXERCISE 4:-

Script:

```
ANIMALS="man bear pig dog cat sheep"  
for ANIMAL in $ANIMALS  
do  
    echo $ANIMAL  
done
```

EXERCISE 5:-

Script:

```
echo "This script will exit with 0 exit status."  
exit 0
```

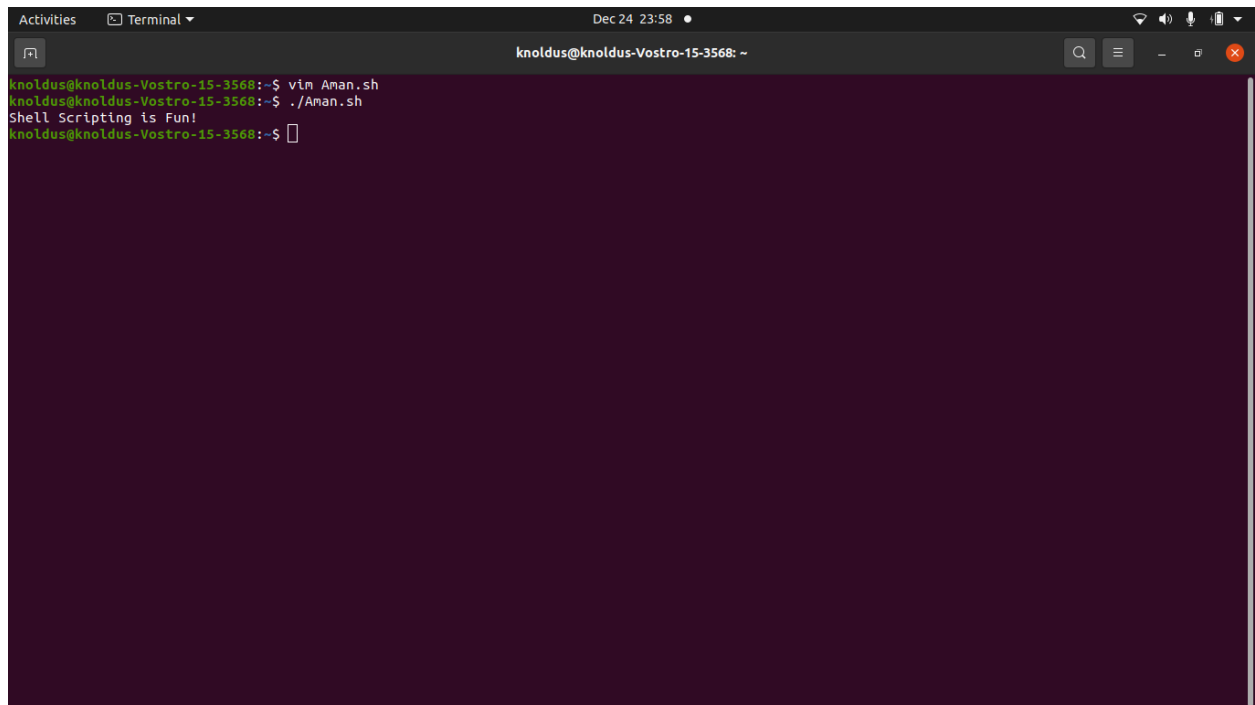
EXERCISE 6:-

Script:

```
function file_count()  
{  
    local num_file=$(ls -l | wc -l)  
    echo "$num_file"  
}  
file_count
```

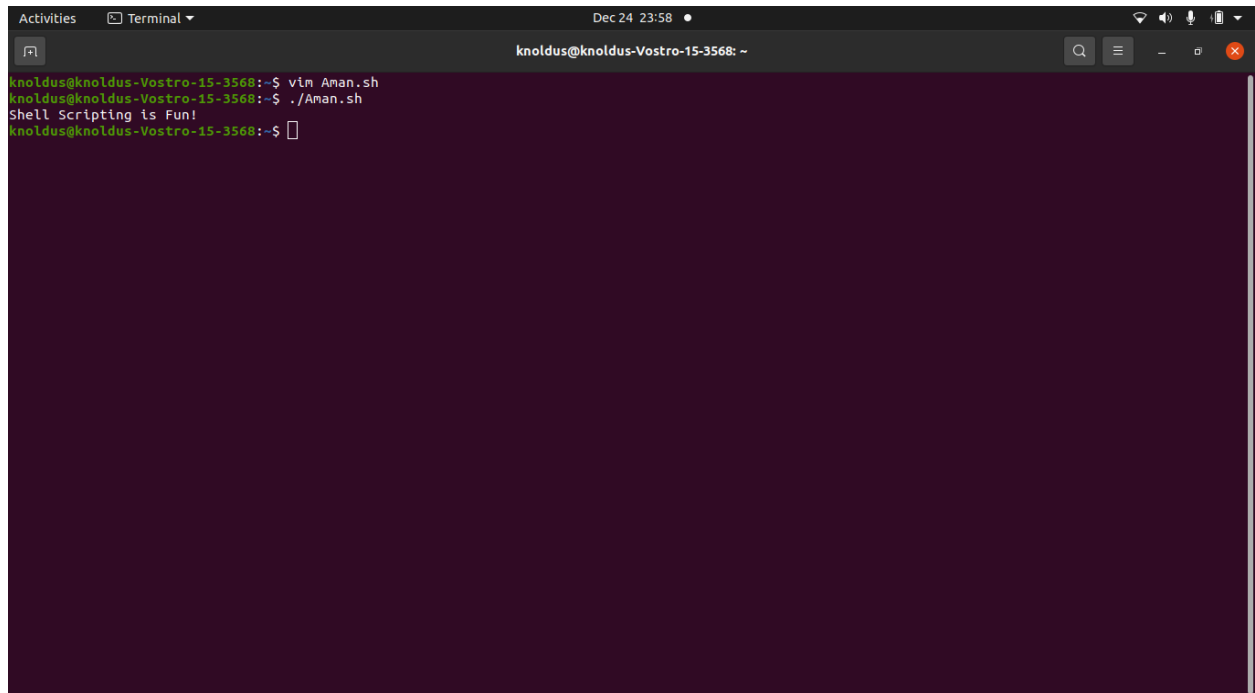
OUTPUT:

Exercise 1:



```
Activities  Terminal  Dec 24 23:58  knoldus@knoldus-Vostro-15-3568: ~  
knoldus@knoldus-Vostro-15-3568:~$ vim Aman.sh  
knoldus@knoldus-Vostro-15-3568:~$ ./Aman.sh  
Shell Scripting is Fun!  
knoldus@knoldus-Vostro-15-3568:~$
```

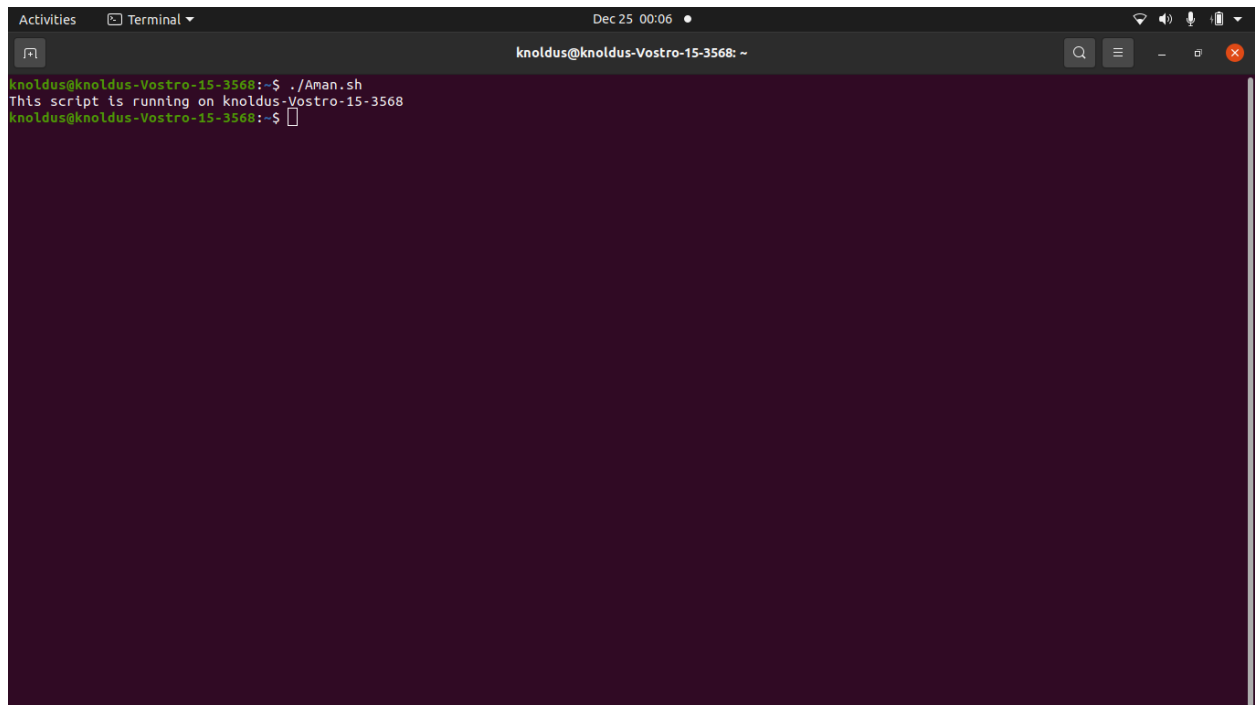
Exercise 2:



A terminal window titled "Terminal" with a dark theme. The window shows the following commands and output:

```
knoldus@knoldus-Vostro-15-3568: ~  
knoldus@knoldus-Vostro-15-3568:~$ vim Aman.sh  
knoldus@knoldus-Vostro-15-3568:~$ ./Aman.sh  
Shell Scripting is Fun!  
knoldus@knoldus-Vostro-15-3568:~$
```

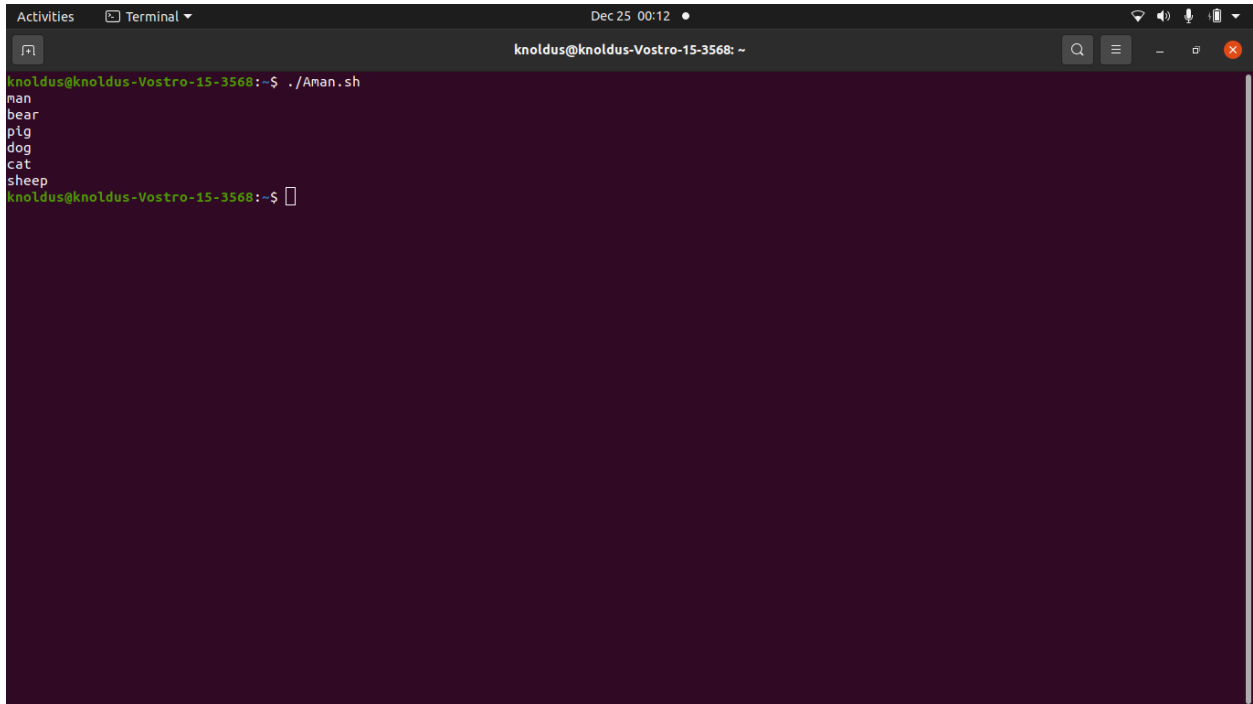
Exercise 3:



A terminal window titled "Terminal" with a dark theme. The window shows the following commands and output:

```
knoldus@knoldus-Vostro-15-3568: ~  
knoldus@knoldus-Vostro-15-3568:~$ ./Aman.sh  
This script is running on knoldus-Vostro-15-3568  
knoldus@knoldus-Vostro-15-3568:~$
```

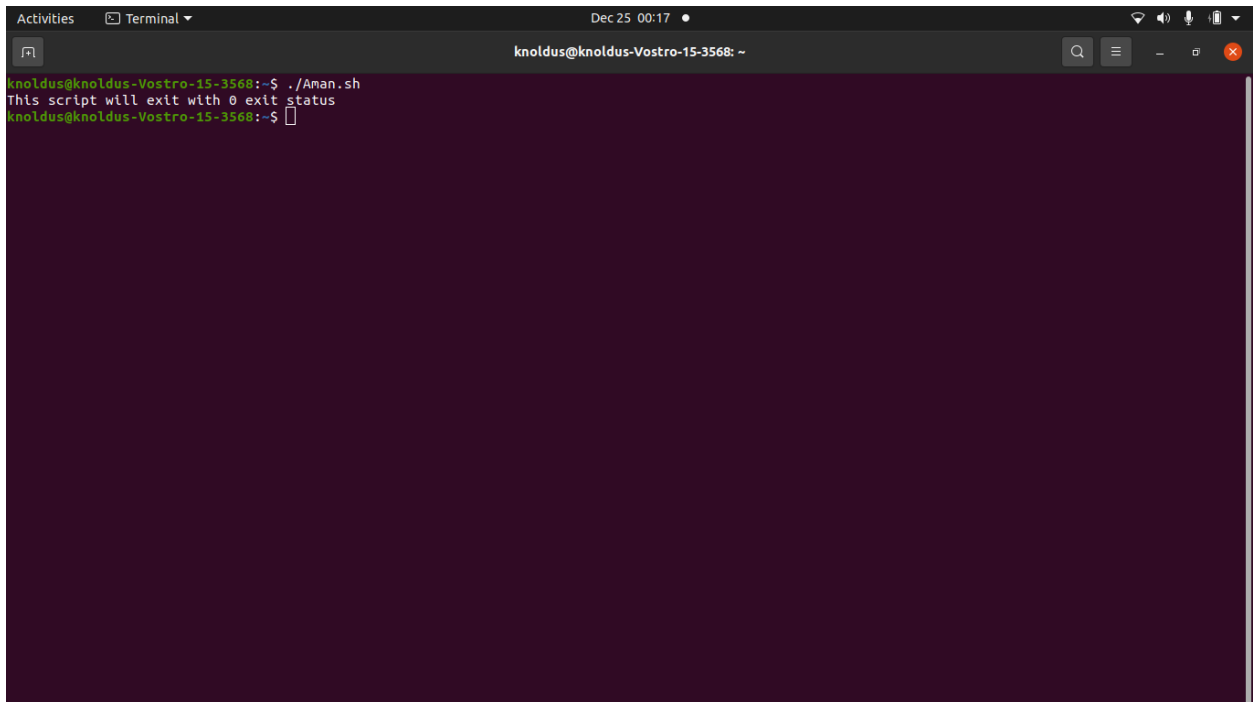
Exercise 4:



A terminal window titled "Terminal" with a dark theme. The prompt is `knoldus@knoldus-Vostro-15-3568: ~`. The user has executed the command `./Aman.sh`. The script outputs the following text:

```
man  
bear  
pig  
dog  
cat  
sheep  
knoldus@knoldus-Vostro-15-3568:~$
```

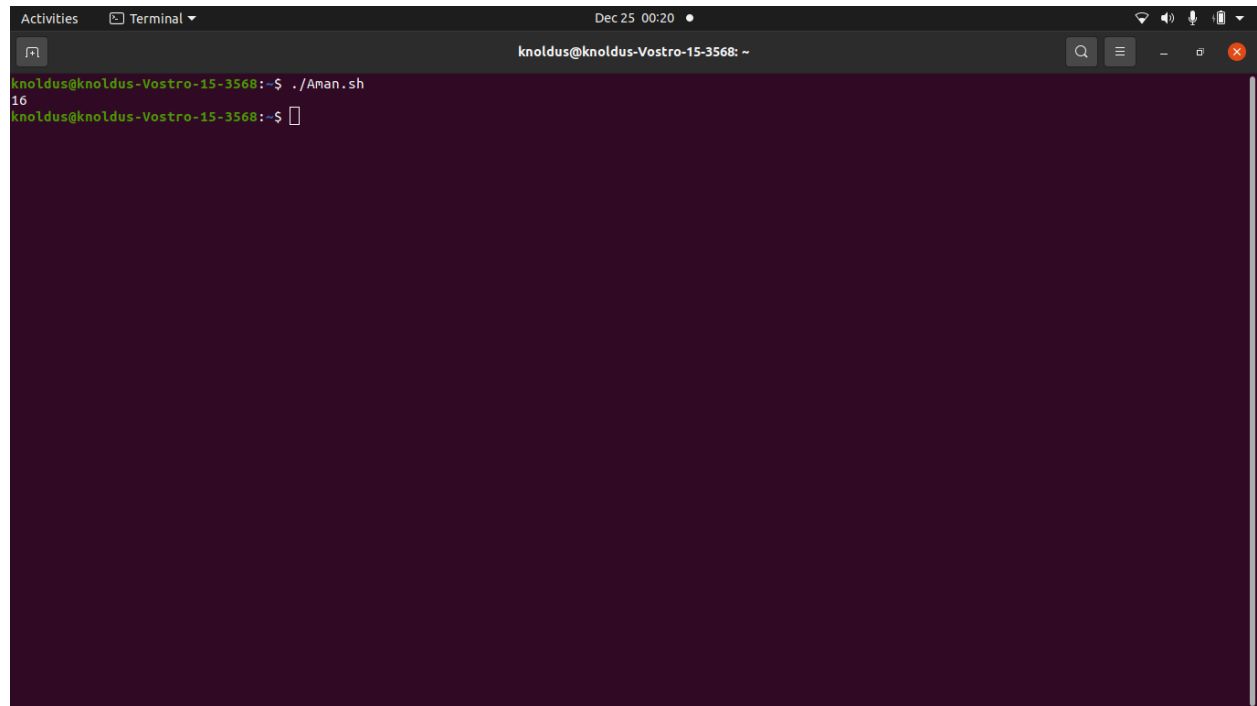
Exercise 5:



A terminal window titled "Terminal" with a dark theme. The prompt is `knoldus@knoldus-Vostro-15-3568: ~`. The user has executed the command `./Aman.sh`. The script outputs the following text:

```
knoldus@knoldus-Vostro-15-3568:~$ ./Aman.sh  
This script will exit with 0 exit status  
knoldus@knoldus-Vostro-15-3568:~$
```

Exercise 6:



A terminal window titled "Terminal" with a dark theme. The window shows the user "knoldus" on a machine named "knoldus-Vostro-15-3568". The user has executed the command `./Aman.sh`, which has produced the output `16`. The prompt is now `knoldus@knoldus-Vostro-15-3568:~$` with a cursor.

```
Activities Terminal
knoldus@knoldus-Vostro-15-3568: ~
knoldus@knoldus-Vostro-15-3568:~$ ./Aman.sh
16
knoldus@knoldus-Vostro-15-3568:~$
```