

## **Bash.sh**

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

```
sudo rm -rf $1
```

## **#To find greatest of 3 integers**

```
#-----
```

```
# Author: Aryaman
```

```
# Reg No: 200968048
```

```
# Date: 9/8/2022
```

```
# Program: TestFile
```

```
#-----
```

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

```
echo "Enter three Integers:"
```

```
read a b c
```

```
if [ $a -gt $b -a $a -gt $c ]
```

```
then
```

```
    echo "$a is Greatest"
```

```
elif [ $b -gt $c -a $b -gt $a ]
```

```
then
```

```
    echo "$b is Greatest"
```

```
else
```

```
    echo "$c is Greatest!"
```

```
fi
```

## **#Print Numbers in Reverse Order**

```
#-----
```

```
# Author: Aryaman
```

```
# Reg No: 200968048
```

```
# Date: 9/8/2022
```

```
# Program: TestFile
```

```
#-----
```

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

```
i=5
```

```
while test $i != 0
```

```
do
```

```
echo "$i
```

```
"
```

```
i=`expr $i - 1`
```

## **# Reverse of a Number**

```
#-----
```

```
# Author: Aryaman
```

```
# Reg No: 200968048
```

```
# Date: 9/8/2022
```

```
# Program: TestFile
```

```
#-----
```

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

```
echo "Enter a number"
```

```
read n
```

```
sd=0
```

```
rev=0
```

```
while [ $n -gt 0 ]
```

```
do
```

```
sd=$(( $n % 10 ))
```

```
rev=$(( $rev * 10 + $sd ))
```

```
n=$(( $n / 10 ))
```

```
done
```

```
echo "Reversed Number: $rev"
```

## **#Sum of digits**

```
#-----
```

```
# Author: Aryaman
```

```
# Reg No: 200968048
```

```
# Date: 9/8/2022
```

```
# Program: TestFile
```

```
#-----
```

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

```
echo "Enter Number: "
```

```
read n
```

```
sum=0
```

```
while [ $n -gt 0 ]
```

```
do
```

```
r=$(expr $n % 10)
```

```
sum=$(expr $sum + $r)
```

```
n=$(expr $n / 10)
```

```
done
```

```
echo "Sum: $sum"
```

## **# To print No. of lines from a given file**

```
#-----
```

```
# Author: Aryaman
```

```
# Reg No: 200968048
```

```
# Date: 9/8/2022
```

```
# Program: TestFile
```

```
#-----
```

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

```
echo "Enter Number of Lines from Beginning: "
```

```
read h
echo "Enter Number of Lines from End: "
read t
echo "Enter File Name: "
read q
head -n $h $q
tail -n $t $q
```

## **# Lisiting the files and deleting**

```
#-----
# Author: Aryaman
# Reg No: 200968048
# Date: 9/8/2022
# Program: TestFile
#-----
#!/bin/bash
longlist=`ls -l`
echo "Long List of Files: $longlist"
hiddenlist=`ls -a -a`
echo "Long List With Hidden Files: $hiddenlist"
del=`rm test1`
echo "Deleting File: $del"
while true
do
    read -r -p 'Do you want to continue? ' choice
    case "$choice" in
        n|N) break;;
        y|Y) echo "Continue";;
        *) echo 'Invalid Response';;
    esac
```

done

done