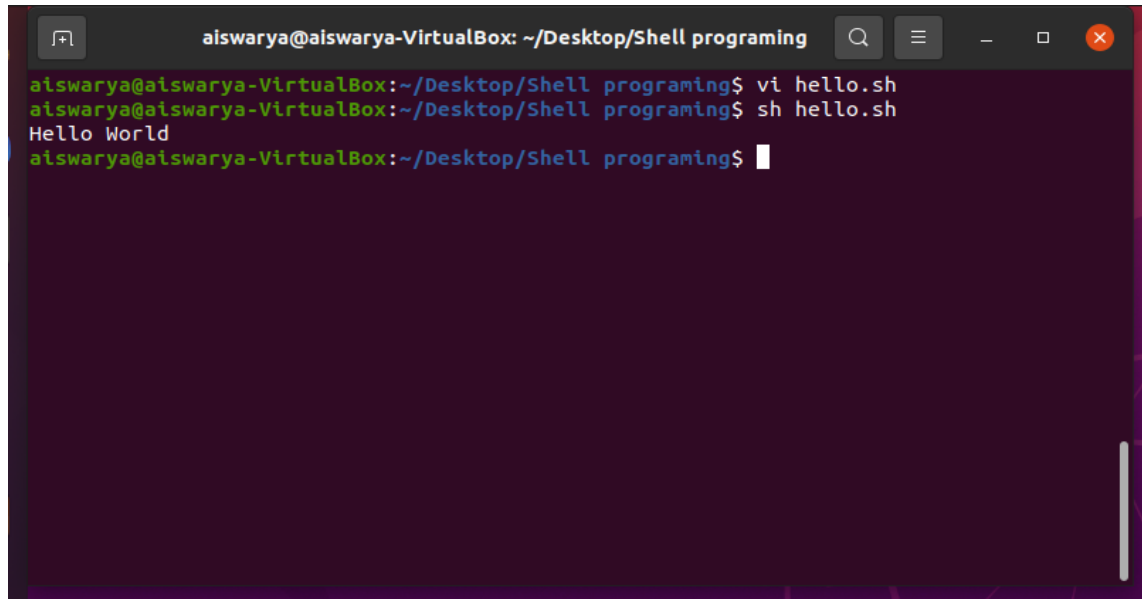


## 1. Shell Program to display Hello world

```
#!/bin/sh  
echo "hello world"
```

### Output



```
aiswarya@aiswarya-VirtualBox: ~/Desktop/Shell programing  
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$ vi hello.sh  
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$ sh hello.sh  
Hello World  
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$
```

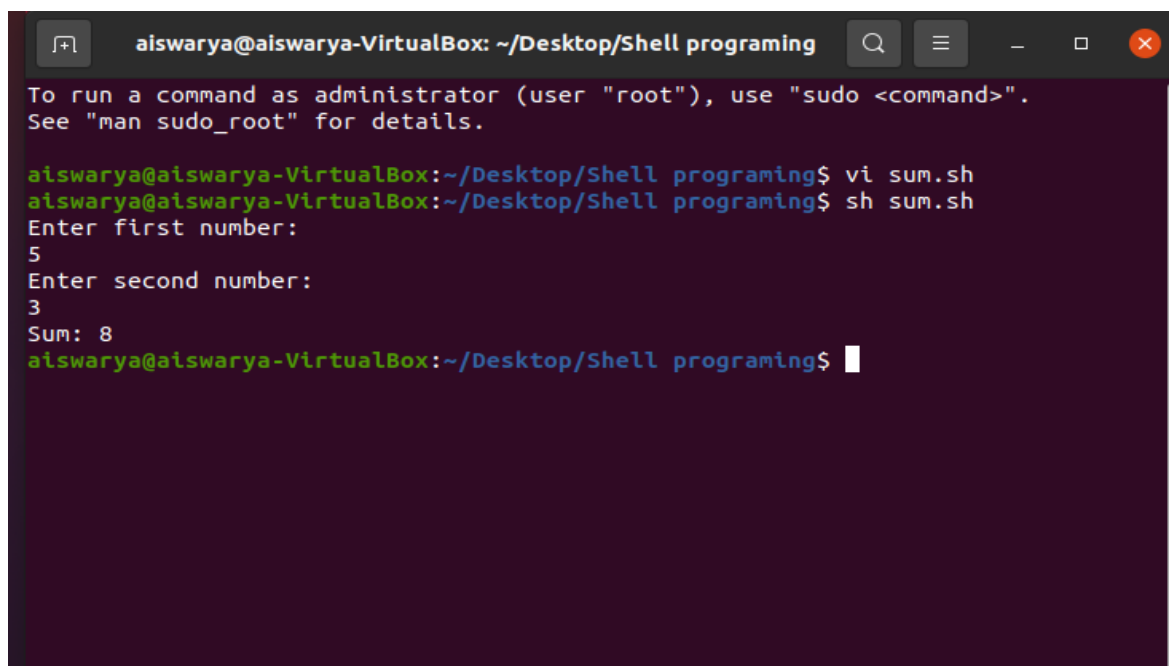
## 2. Shell Program to find sum of 2 numbers

```
#!/bin/sh
echo "enter first value"
read a
echo "enter 2nd value"
read b
c=$(expr "$a" + "$b")
echo "sum:"$c
```

## 3 Shell Program to find quotient of 2 numbers

```
#!/bin/bash
echo "enter first value"
read a
echo "enter 2nd value"
read b
c=$(expr "$a" / "$b")
echo "quotient:"$c
```

## Output



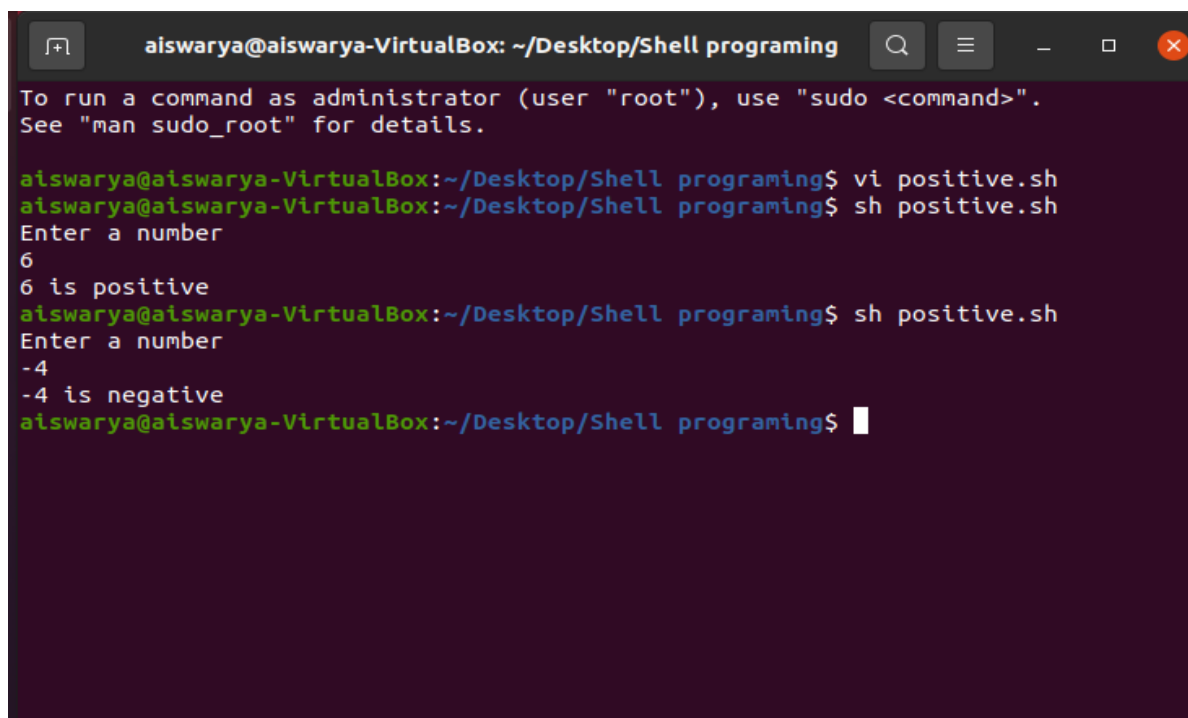
```
aiswarya@aiswarya-VirtualBox: ~/Desktop/Shell programing
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$ vi sum.sh
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$ sh sum.sh
Enter first number:
5
Enter second number:
3
Sum: 8
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$
```

4. Shell program to check whether a given number is positive or negative

```
#!/bin/sh
echo "enter first value"
read a
if [ $a -lt 0 ]
then
echo "$a is negative";
else
echo "$a is positive";
fi
```

### Output



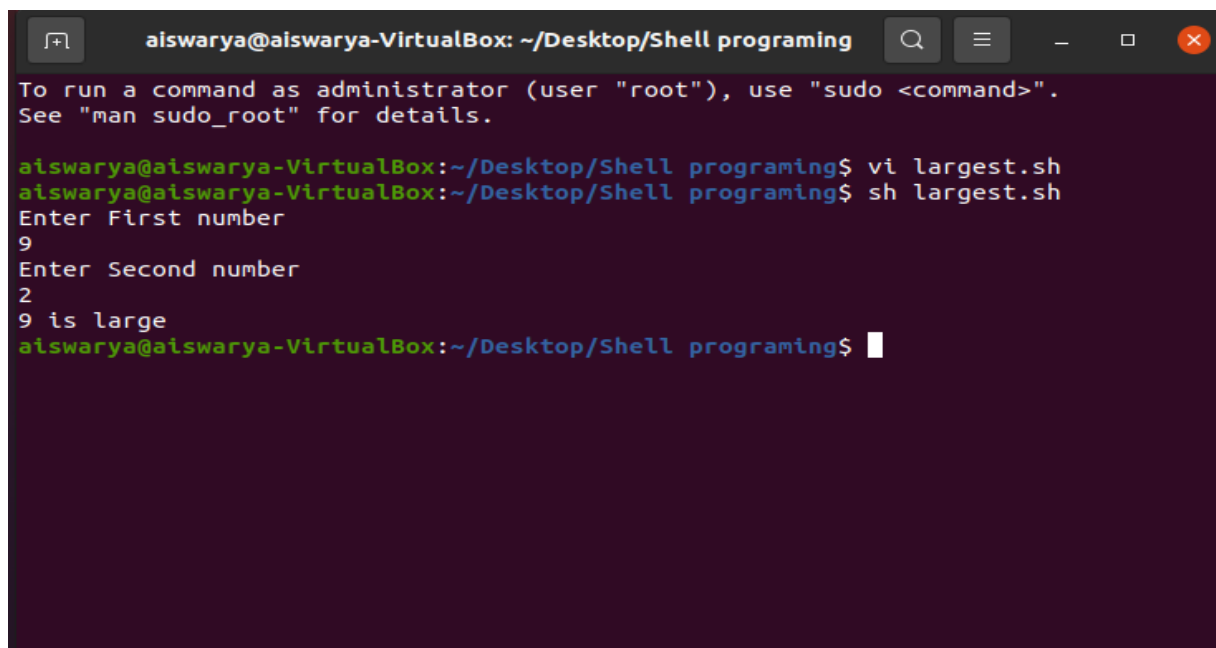
```
aiswarya@aiswarya-VirtualBox: ~/Desktop/Shell programing
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$ vi positive.sh
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$ sh positive.sh
Enter a number
6
6 is positive
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$ sh positive.sh
Enter a number
-4
-4 is negative
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$
```

## 5. Shell program to find largest of 2 numbers

```
#!/bin/sh
echo "enter first value"
read a
echo "enter second value"
read b
if [ $a -gt $b ]
then
echo "$a is large";
else
echo "$b is large";
fi
```

### Output



```
aiswarya@aiswarya-VirtualBox: ~/Desktop/Shell programing
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$ vi largest.sh
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$ sh largest.sh
Enter First number
9
Enter Second number
2
9 is large
aiswarya@aiswarya-VirtualBox:~/Desktop/Shell programing$
```