

Rupin  
20BCE1837

## LAB 2

- Aim:**
1. To create and kill a process,
  2. To perform addition, subtraction, multiplication and division,
  3. To write a program for system input-output calls, and
  4. To perform a bootloader example program.

**Output:**

### Create and Kill a Process

```
process.sh
1 echo "Hello World"
2 echo "My name is Rupin"
3 echo "Registration No.: 20BCE1837"
```

```
killProcess.sh
1 ps
2 echo "Enter the pid of the process to be killed"
3 read pid
4 kill -9 $pid
5 echo finished
```

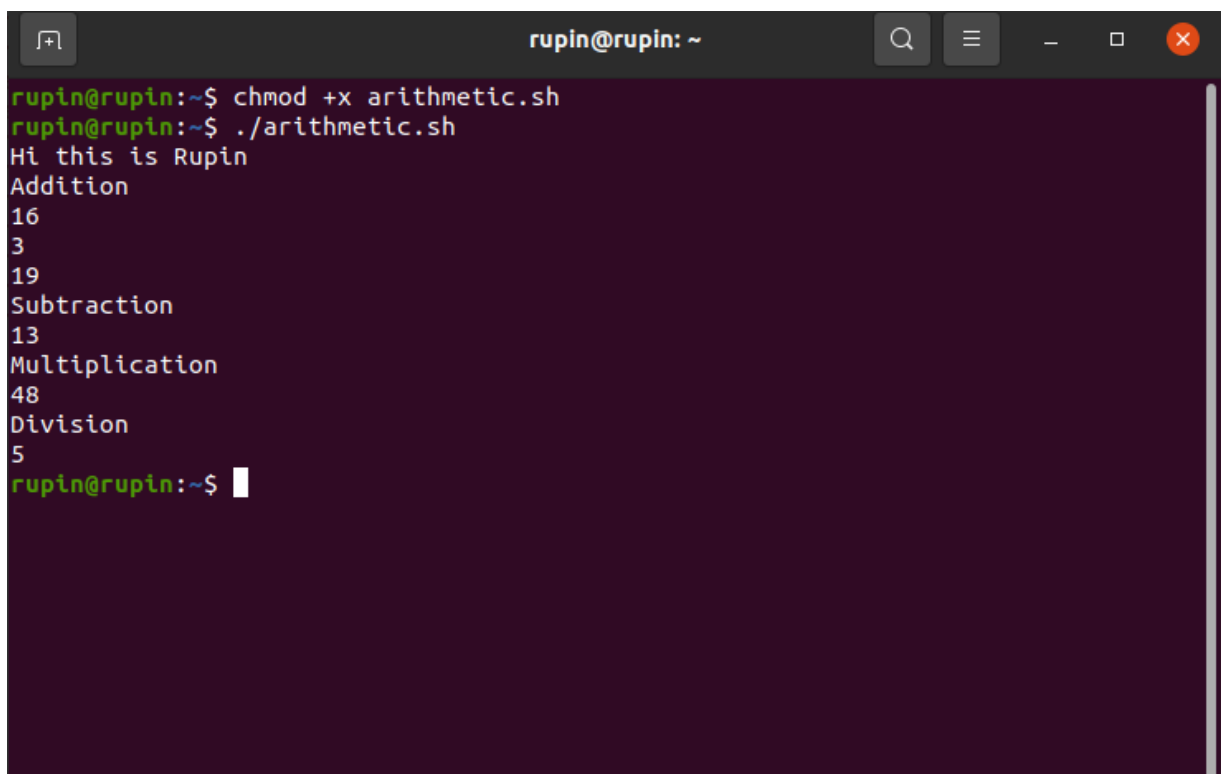
```
rupin@rupin: ~
rupin@rupin:~$ chmod +x process.sh
rupin@rupin:~$ chmod +x killProcess.sh
rupin@rupin:~$ ./process.sh
Hello World
echo My name is Rupin
echo Registration No.: 20BCE1837
rupin@rupin:~$ ./killProcess.sh
PID TTY TIME CMD
4354 pts/0 00:00:00 bash
4495 pts/0 00:00:00 bash
4496 pts/0 00:00:00 ps
Enter the pid of the process to be killed
```

On clicking enter the Shell terminates

Calculator:



```
1 echo "Hi this is Rupin"
2 echo "Addition"
3 read a
4 read b
5 echo $((a+b))
6 echo "Subtraction"
7 echo $((a-b))
8 echo "Multiplication"
9 echo $((a*b))
10 echo "Division"
11 echo $((a/b))
```



```
rupin@rupin: ~
rupin@rupin:~$ chmod +x arithmetic.sh
rupin@rupin:~$ ./arithmetic.sh
Hi this is Rupin
Addition
16
3
19
Subtraction
13
Multiplication
48
Division
5
rupin@rupin:~$
```





