

SHELL SCRIPT PROGRAMS

1.Shell programs to find the largest of 2 numbers

```
localhost:~# #!/bib/bash
localhost:~# echo "enter first value"
enter first value
localhost:~# read a
4
localhost:~# echo "enter second value"
enter second value
localhost:~# read b
7
localhost:~# if [ $a -gt $b ]
> then
> echo "$a is large";
> else
> echo "$b is large";
> fi
7 is large
localhost:~#
```

2.Shell programs to check whether a given number is positive or negative

```
localhost:~# #!/bin/bash
localhost:~# echo "enter value"
enter value
localhost:~# read a
7
localhost:~# if [ $a -lt 0 ]
> then
> echo "$a is negative";
> else
> echo "$a is positive";
> fi
sh: [7: not found
7 is positive
localhost:~#
```

3) Shell programs to display Hello World

```
localhost:~# #!/bin/bash
localhost:~# echo "Hello world"
Hello world
localhost:~#
```

4)Shell programs to find sum of 2 numbers

```
localhost:~# #!/bib/bash
localhost:~# echo "enter the first value"
enter the first value
localhost:~# read a
3
localhost:~# echo "enter the second value"
enter the second value
localhost:~# read b
5
localhost:~# c=$(expr "$a" + "$b")
localhost:~# echo "sum:$c"
sum:8
localhost:~#
```

5)Shell programs to find quotient of 2 numbers

```
localhost:~# #!/bin/bash
localhost:~# echo "enter the first value"
enter the first value
localhost:~# read a
15
localhost:~# echo "enter the second value"
enter the second value
localhost:~# read b
3
localhost:~# c=$(expr "$a" / "$b")
localhost:~# echo "quotient:$c"
quotient:5
localhost:~#
```