

1 . Shell Program to display Hello world

```
#!/bin/sh
echo "Hello world"
~
```

```
localhost:~# sh hello.sh
Hello world
localhost:~#
```

2 . Shell program to find sum of 2 numbers

```
#!/bin/sh
#!/bin/bash
echo "Enter first value:"
read a
echo "Enter second value:"
read b
c=$(expr "$a" + "$b")
echo "Sum:$c"
~
```

```
localhost:~# sh sum.sh
enter first value:
24
enter second value:
12
Sum:36
localhost:~#
```

3. Shell program to find quotient of 2 numbers

```
#!/bin/bash
echo "Enter first value:"
read a
echo "Enter second value:"
read b
c=$(expr "$a" / "$b")
echo "Quotient:$c"
~
```

```
localhost:~# sh quotient.sh
enter first value:
24
enter second value:
2
quotient:12
localhost:~#
```

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

```
#!/bin/bash
echo "Enter a value:"
read a
if [ $a -lt 0 ]
then
echo "$a is negative";
else
echo "$a is positive";
fi
~
```

```
localhost:~# sh if.sh
Enter a value:
56
56 is positive
localhost:~# sh if.sh
Enter a value:
-45
-45 is negative
localhost:~#
```

5 . Shell program to find largest of 2 numbers

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

```
localhost:~# sh large.sh
large.sh: line 1: !#/bin/sh: not found
enter first value
45
enter second value
56
56 is large
localhost:~#
```