1.Shell program to display Hello world

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

OUTPUT

```
Hello world
```

2.Shell program to find sum of two numbers

```
localhost:~# #!bin/bash
localhost:~# echo "enter the first value"
enter the first value
localhost:~# read a
5
localhost:~# echo "enter the second value"
enter the second value
localhost:~# read b
4
localhost:~# c=$(expr "$a" + "$b")
localhost:~# echo "sum:"$c
```

OUTPUT

```
sum:9
```

3.Shell program to find quotient of 2 numbers

```
localhost:~# #!/bin/bash
localhost:~# echo "enter the first value"
enter the first value
localhost:~# read a
10
localhost:~# echo "enter the second value"
enter the second value
localhost:~# read b
4
localhost:~# c=$(expr "$a" / "$b")
localhost:~# echo "quotient:"$c
```

OUTPUT

```
quotient:2
```

4.shell program 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


OUTPUT

7 is positive
```

5.Shell program to find largest of 2 numbers

```
localhost:~# #!/bin/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
6
localhost:~# if [ $a -gt $b]
> then
> echo "$a is large";
> else
> echo "$b is large";
> fi


OUTPUT

6 is large
```