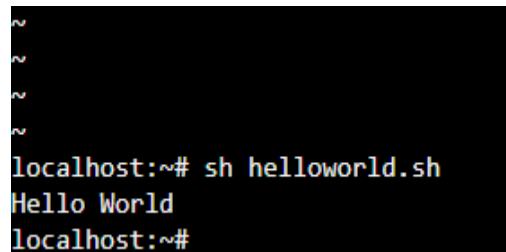


1. Shell program to display Hello World

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

Output

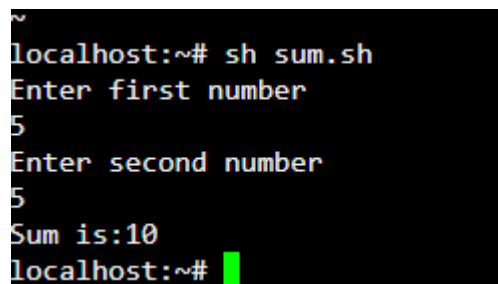


```
~  
~  
~  
~  
localhost:~# sh helloworld.sh  
Hello World  
localhost:~#
```

2. Shell program to find sum of 2 numbers

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

Output



```
~  
localhost:~# sh sum.sh  
Enter first number  
5  
Enter second number  
5  
Sum is:10  
localhost:~#
```

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

```
~
localhost:~# sh quotient.sh
Enter first number
10
Enter second numebr
2
Quotient:5
localhost:~#
```

4. Shell program to find 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

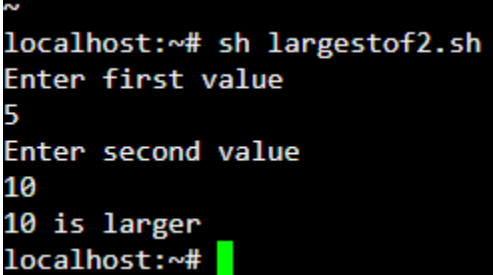
```
~
~
localhost:~# sh positive.sh
Entber value
-15
-15 is negative
localhost:~#
```

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

A terminal window with a black background and white text. The prompt is a tilde (~). The user enters 'sh largestof2.sh'. The script prompts 'Enter first value', the user enters '5'. The script prompts 'Enter second value', the user enters '10'. The script outputs '10 is larger'. The prompt returns to '~#'.

```
~
localhost:~# sh largestof2.sh
Enter first value
5
Enter second value
10
10 is larger
localhost:~#
```