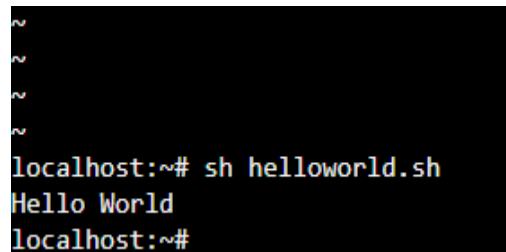1. Shell program to display Hello World

   #!/bin/sh

   echo "hello world"

   Output

   ```
   ~
   ~
   ~
   ~
   localhost:~# sh helloworld.sh
   Hello World
   localhost:~#
   ```
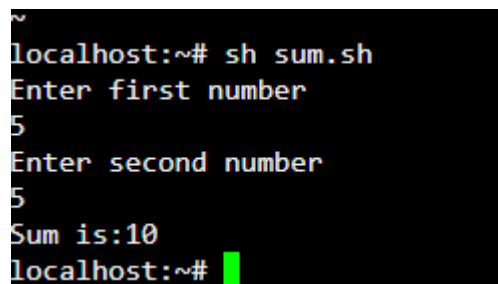
2. Shell program to find sum of 2 numbers

   #!/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

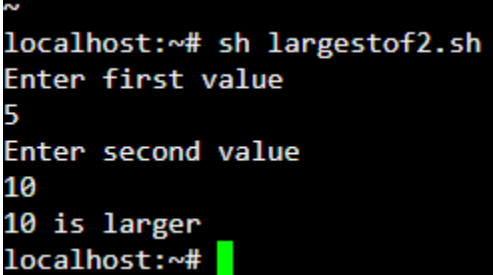echo "$a is negative";

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

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