

```
osoolian_99521073@99521073: ~/Desktop/s7
#!/bin/bash
a=$1
b=$2
echo "num1 = $a"
echo "num2 = $b"
sum=$(( $1+$2 ))
echo "sum = $sum"

if [ $a -gt $b ]
then
echo "$a is the bigger number"
fi

if [ $b -gt $a ]
then
echo "$b is the bigger number"
fi

let a=$a+1

t=0
cnt=0

for (( i=$a; i<$b; i++ ))
do
let cnt=$cnt+1
let t=$t+i
echo $i
done

let avg=$t/$cnt
echo "avg = $avg"
```

```
osoolian_99521073@99521073: ~/Desktop/s7
osoolian_99521073@99521073:~/Desktop/s7$ bash q1.sh 3 11
num1 = 3
num2 = 11
sum = 14
11 is the bigger number
4
5
6
7
8
9
10
avg = 7
osoolian_99521073@99521073:~/Desktop/s7$
```

(Q2

```
osoolian_99521073@99521073: ~/Desktop/s7
#!/bin/bash
read -p "Enter operator (+ - * /): " op
n1=$1
n2=$2

echo "n1 = $n1"
echo "n2 = $n2"
echo "op = $op"

case $op in
+) res=$((n1 + n2));;
-) res=$((n1 - n2));;
\*) res=$((n1 * n2));;
/) res=$((n1 / n2));;
esac

echo "result = $res"
~
```

```

osoolian_99521073@99521073: ~/Desktop/s7
osoolian_99521073@99521073:~/Desktop/s7$ bash q2.sh 10 5
Enter operator (+ - * /): +
n1 = 10
n2 = 5
op = +
result = 15
osoolian_99521073@99521073:~/Desktop/s7$ bash q2.sh 10 5
Enter operator (+ - * /): -
n1 = 10
n2 = 5
op = -
result = 5
osoolian_99521073@99521073:~/Desktop/s7$ bash q2.sh 10 5
Enter operator (+ - * /): *
n1 = 10
n2 = 5
op = *
result = 50
osoolian_99521073@99521073:~/Desktop/s7$ bash q2.sh 10 5
Enter operator (+ - * /): /
n1 = 10
n2 = 5
op = /
result = 2
osoolian_99521073@99521073:~/Desktop/s7$

```

(Q3)

```

osoolian_99521073@99521073: ~/Desktop/s7
#!/bin/bash
read -s -p "Enter password: " pass
echo " "
if [ $pass == "123456" ]
then
echo "Welcome"
else
echo "Wrong password"
fi
~

```

```
osoolian_99521073@99521073: ~/Desktop/s7
osoolian_99521073@99521073:~/Desktop/s7$ bash q3.sh
Enter password:
Welcome
osoolian_99521073@99521073:~/Desktop/s7$ bash q3.sh
Enter password:
Wrong password
osoolian_99521073@99521073:~/Desktop/s7$
```