

```
read n
a=0
b=1
echo "Enter i"
read i
echo "Fibonacci series:"
echo $a
echo $b
while [ $i -le $n ]
do f=$((a + b))
a=$b
b=$f
echo $f
i=`expr $i + 1`
```

```
echo "Total number of arguments: $#"  
# Reading argument values individually  
echo "First argument value : $1"  
echo "Second argument value : $2"  
echo "Third argument value : $3"  
# Reading argument values using loop  
for argval in "$@"  
do  
echo -n "$argval "  
done
```

```
prime  
i=0  
until [ $i -lt 20 ]  
do  
r=$(( $i % 2 ))  
if [ $r -ne 0 ]  
then  
echo $i  
fi  
i=$(( $i + 1 ))  
done
```

### Add two variable

```
function add()  
{  
sum=$(( $1 + $2 ))  
echo "Sum = $sum"  
}  
a=10  
b=20
```

```
or  
sum=$(( $1 + $2 ))  
echo sum="sum=$sum"
```

```
echo "Enter a number"
read n
case $n in
[0-9])
echo "you have entered a single digit number";
[1-9][1-9])
echo "you have entered a two digit number";
[1-9][1-9][1-9])
echo "you have entered a three digit number";
*)
echo "your entry does not match any of the conditions";
esac
```

```
function isArgumentPresent
{
if [ $1 -gt 0 ]
then
return 0
else
return 1
fi
}
isArgumentPresent $#
returnedCode=$?
if [ $returnedCode -eq 0 ]
then
echo "Arguments present"
else
echo "Arguments not present"
fi
```

```

fresh(){
t=$1
echo "fresh(): \$0 is $0"
echo "fresh(): \$1 is $1"
echo "fresh(): \$t is $t"
echo "fresh(): total args passed to me $#"
```

```

echo "fresh(): all args (\$@) passed to me -\"$@\\""
echo "fresh(): all args (\$*) passed to me -\"$*\\""
}
echo "**** calling fresh() 1st time ****"
fresh tomato
echo "**** calling fresh() 2nd time ****"
fresh tomato onion paneer

```

```

math()
{
local a=$1
local b=$2
local sum=$((a+b))
echo $sum
}
total=$(math 500 42)
echo "500+42=$total"

```

```

echo "Enter 1st no"
read a
echo "Enter 2nd
no"
read b
sum=`expr $a + $b`
echo "sum= $sum"

```

.

```

read a
echo "Enter name"
echo "Enter age"
read b
echo "Name is $a"
echo "Age is $b"

```

```

echo "the name of the script file is
$0"
echo "total no. of arguments passed
to the script=$#"
if [ $# -gt 0 ]
then
echo "list of arguments"
for arg in $@
do
echo "$arg"
done
else
echo "no argument provided to the
script."
fi

```