

script to add two numbers

```
#!/bin/bash
echo "Enter first number"
read x
echo "Enter second number"
read y
(( sum=x+y ))
echo "The result of addition=$sum"
```

#script to check the given number is odd or even

```
#!/bin/bash
echo "Enter numnber : "
read n

rem=$(( $n % 2 ))

if [ $rem -eq 0 ]
then
    echo "$n is even number"
else
```

```
    echo "$n is odd number"
fi
```

#script to check the directory exists or not if not create the directory

```
#!/bin/bash
echo "Enter directory name"
read ndir
if [ -d "$ndir" ]
then
echo "Directory exist"
else
`mkdir $ndir`
echo "Directory created"
fi
```

#script to compare two strings

```
echo "Enter First String:"
read string1
echo "Enter Second String:"
read string2
```

```
if [ $string1 ">" $string2 ]
then
    echo "string1 is greater than string2 "
else
    echo "string1 is less than string2"
fi
```

Menu driven program for arithmetic operations

```
#!/bin/bash
```

```
echo "Enter two numbers"
read a b
select var in add sub mul
do
case "$var" in
"add")
echo $((a+b))
;;
"sub")
echo $((a-b))
;;
```

```
"mul")  
echo $((a*b))  
;;  
esac  
done
```

#script to check the file exist or not

```
#!/bin/bash  
filename=$1  
if [ -f "$filename" ]; then  
echo "File exists"  
else  
echo "File does not exist"  
fi
```

#script to check for null string

```
echo "Enter the letter"  
read n  
if [ -n "$n" ];  
then  
echo "string length greater than 0"  
else
```

```
echo "length = 0"  
fi
```