```
# My first shell script
echo "My first shell script"
```

```
1 echo "Hello user"
2 echo -e "Today is \c"; date
3 echo -e "Number of user login: \c";who | wc -l
4 echo "Calendar:"
5 cal
6 exit 0
7
```

```
echo -e "An apple a day keeps \a\t\tdoctors\b\n"
echo -n "Hello everyone"
echo -n "\\ "
```

```bash
a=23
b=45
add=`expr $a + $b`
sub=`expr $a - $b`
modulo=`expr $a % $b`
multi=`expr $a \* $b`
echo -e "a = $a \t b = $b"
echo "Addition: $add"
echo "Subtraction: $sub"
echo "Modullus: $modulo"
echo "Multiplication: $multi"

echo -e "\nAnother way"
echo "Addition:`expr $a + $b`"
echo "Subtraction: `expr $a - $b`"
echo "Modulus: `expr $a % $b`"
echo "Multiplication: `expr $a \* $b`"
```

```bash
expr 1 + 3
echo -e "Exit status - $?\n"

echo welcome
echo -e "Exit status - $?\n"

hello everyone
echo -e "Exit status - $?\n"

date
echo -e "Exit status - $?\n"

echon $?
echo -e "Exit status - $?\n"

rm unknownfile
echo -e "Exit status - $?\n"
```

```
for i in 1 2 3 4 5
do
        echo "Welcome $i times"
done
```

```
1 a=9
2 b=23
3 echo $z
4 if [ $# -eq 0]
5 then
6         echo "$0 : you must give one integer"
7         exit 1
8 fi
9
10 if test $1 -gt 0
11 then
12         echo "$1 number is positive"
13 else
14         echo "$1 number is negative"
15 fi
```

```
1 for ((i=1;i<=5;i++))
2 do
3         for(( j=1;j<=5;j++))
4         do
5                 echo -n "$i "
6         done
7         echo ""
8 done
```

```bash
echo "Name"

read name

if [ "$name" == "abcd" ]; then

 echo "Password"

 read password

 if [ "$password" == "pwd" ]; then

  echo "Hello"

 else

  echo "Wrong password"

 fi

else

 echo "wrong username"

fi
```

```
a=0

while [ $a -lt 10 ]
do
    echo $a
    a=`expr $a + 1`
done
```

```
snehasish@Obhi:~$ bash file.sh
My first shell script
snehasish@Obhi:~$ bash file1.sh
Hello user
Today is Tuesday 07 February 2023 07:06:43 AM IST
Number of user login: 1
Calendar:
file1.sh: line 5: cal: command not found
snehasish@Obhi:~$ bash file3.sh
bash: file3.sh: No such file or directory
snehasish@Obhi:~$ bash file4.sh
An apple a day keeps            doctors

Hello everyone\ snehasish@Obhi:~$ bash file6.sh
4
Exit status - 0

welcome
Exit status - 0

file6.sh: line 7: hello: command not found
Exit status - 127

Tuesday 07 February 2023 07:08:07 AM IST
Exit status - 0

file6.sh: line 13: echon: command not found
Exit status - 127

rm: cannot remove 'unknownfile': No such file or directory
Exit status - 1

snehasish@Obhi:~$ bash for.sh
Welcome 1 times
Welcome 2 times
Welcome 3 times
Welcome 4 times
Welcome 5 times
snehasish@Obhi:~$ bash if_else.sh

if_else.sh: line 4: [: missing `]'
if_else.sh: line 10: test: -gt: unary operator expected
 number is negative
snehasish@Obhi:~$ bash nested_for.sh
1 1 1 1 1
2 2 2 2 2
3 3 3 3 3
4 4 4 4 4
5 5 5 5 5
```

```
snehasish@0bhi:~$ bash nested_if.sh
Name
abcd
Password
123
Wrong password
snehasish@0bhi:~$ bash while.sh
0
1
2
3
4
5
6
7
8
9
snehasish@0bhi:~$ bash file5.sh
a = 23    b = 45
Addition: 68
Subtraction: -22
Modullus: 23
Multiplication: 1035

Another way
Addition:68
Subtraction: -22
Modulus: 23
Multiplication: 1035
```