#Addition of two numbers

echo "Hello, World !"

echo "Enter two values"

read a;

read b;

c=`expr $a + $b`

echo $c

#Printing variable value using ""

a=10

b=15.5

c="hello world"

d='mitwpu'

echo $a

echo $b

echo $c

echo $d

echo "hello $a times"

echo 'hello $a times'

#learning if else

#checking wheter number is positive

echo "Enter a number"

read a

if [ $a -gt 0 ]

then

echo "entered is positive"

else

echo "number is negative"

fi

# checking greater number from three numbers

echo "enter three numbers"

read a

read b

read c

if [ $a -gt $b ]

then

if [ $a -gt $c ]

then

echo "$a is greatest"

else

echo "$c is greatest"

fi

else

if [ $b -gt $c ]

then

echo "$b is greatest"

else

echo "$c is greatest"

fi

fi

#loops

#looping the list FOR LOOP

for i in 1 2 3 4 5 6 7 8 9 10 10 9 8 7 6 5 4 3 2 1

do

echo "hello $i times"

done

#WHILE LOOP

i=1

while [ $i -le 10 ]

do

echo "welcome $i times"

i=`expr $i+1`

done

# program for finding factorial of a number

echo "enter no to find factorial"

read myval

fact=1

while [ $myval -gt 1 ]

do

fact=`expr $fact \\* $myval`

myval=`expr $myval - 1`

done

echo "$fact"

#switch case

echo "enter any no from 1 to 7"

read no

case $no in

1)echo "Today is Mon";;

2)echo "Tue";;

3)echo "Wed";;

4)echo "THrr";;

5)echo "Fri";;

6)echo "sat";;

7)echo "holi";;

\*)echo "invalid you";;

esac

echo "Today is `date`"

#string operations

echo 'Enter name in small'

read name

echo $name | tr '[ A-Z ]' '[ a-z ]'

nameVowel=${name^^[aeiou]}

echo "Displaying vowels in caps"

echo $nameVowel

firstCaps=${nameVowel^}

echo $firstCaps