**Assignment 2 :**

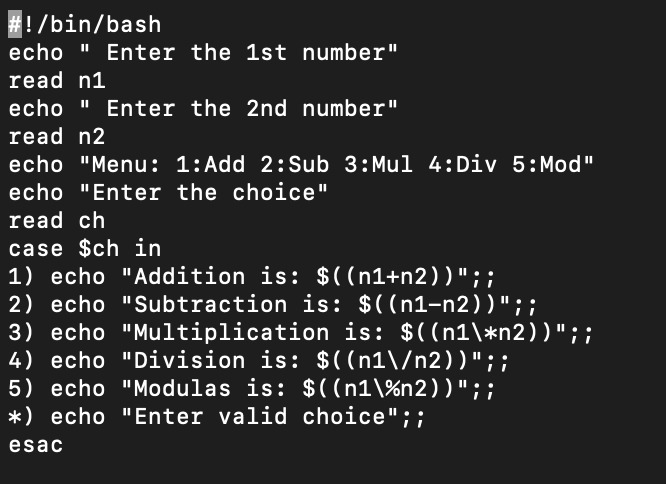
Name : Ruchita Kamble

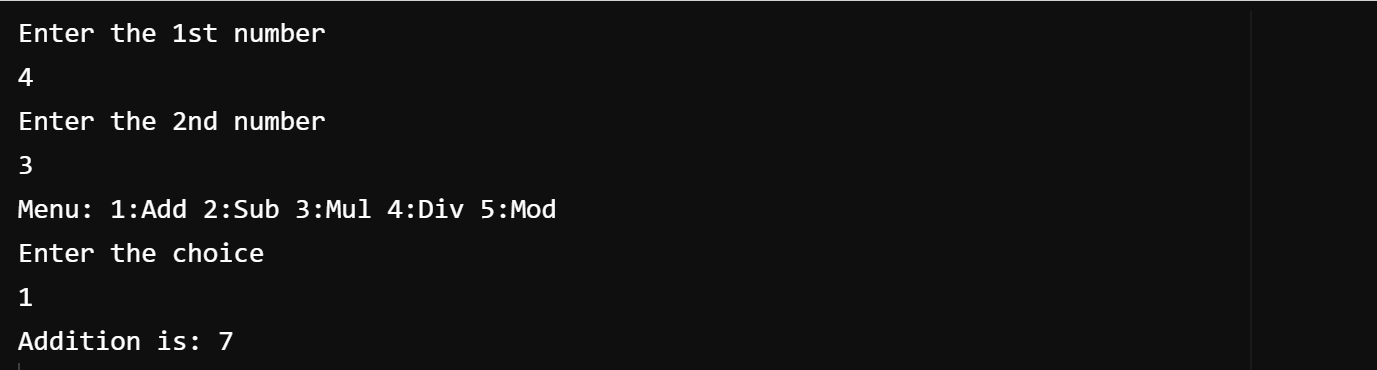
Div. : CS -B

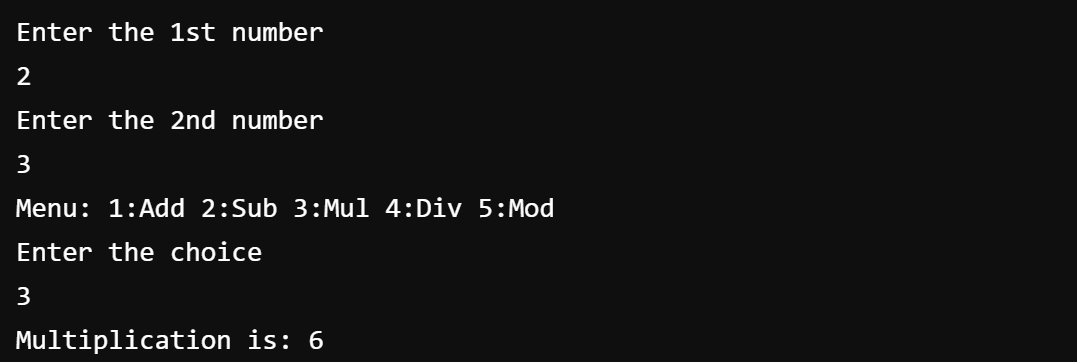
Roll no. : 50

PRN : 12210178

1)Arithmetic operations







2) If-else statement

A computer screen with white text

Description automatically generated



3) Write a program to calculate factorial of given number

A computer screen with white text

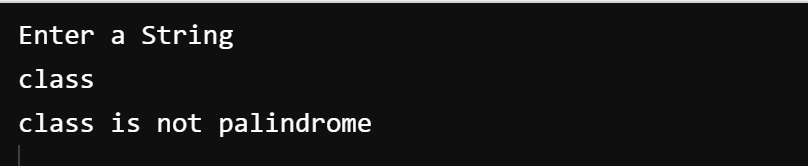
Description automatically generated



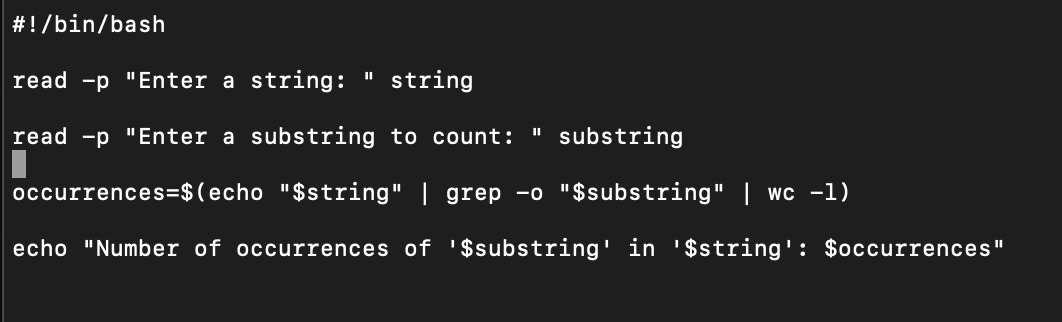
4) Loop(for loop)

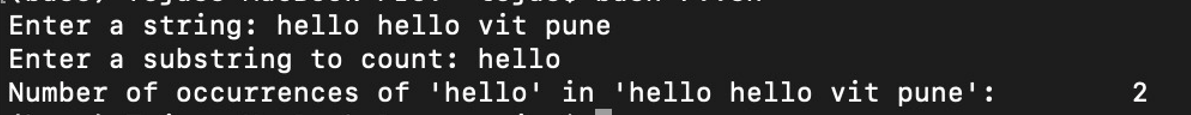
A computer screen with white text

Description automatically generated



5) To check and count occurences of substring in given string by using CLA.





6) Function(if, do-while)

A computer screen shot of a number

Description automatically generated



7) Array

#! /bin/bash

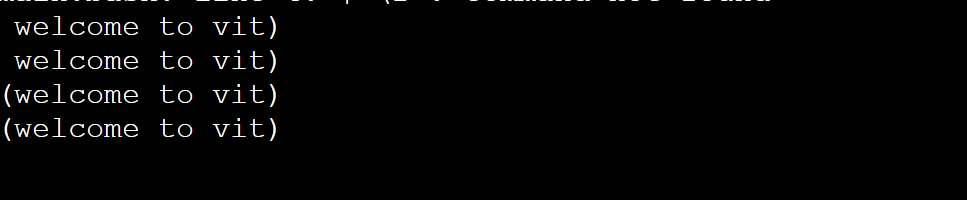
array=(welcome to vit)

echo ${array[@]}

echo ${array[\*]}

echo ${array[@]:0}

echo ${array[\*]:0}



8) To print reverse of given number.

A computer screen shot of a black screen

Description automatically generated



9) strings (length concatenation substring compare)

Code :

#!/bin/bash

read -p "Enter first string: " VAR1

read -p "Enter second string: " VAR2

if [[ "$VAR1" == "$VAR2" ]]; then

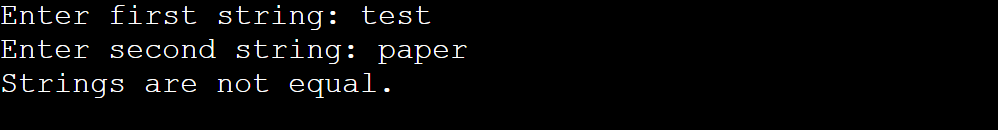
echo "Strings are equal."

else

echo "Strings are not equal."

Fi

Output :



10)string

