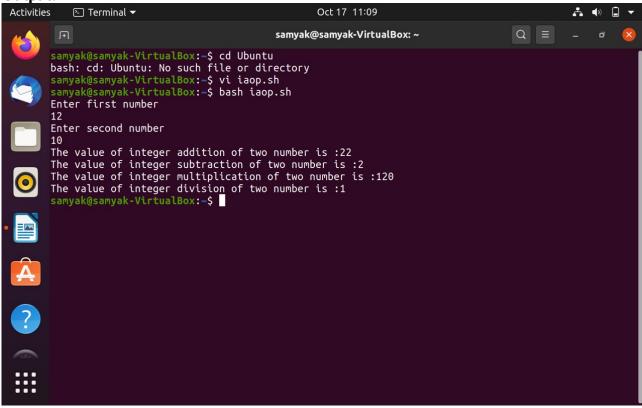
# **DOS Lab Assignment: 2**

## 1) iaop Shell script:

echo "Enter first number"
read a
echo "Enter second number"
read b
c=`expr \$a + \$b`
d=`expr \$a - \$b`
e=`expr \$a \\* \$b`
f=`expr \$a / \$b`

echo "The value of integer addition of two number is :\$c" echo "The value of integer subtraction of two number is :\$d" echo "The value of integer multiplication of two number is :\$e" echo "The value of integer division of two number is :\$f"

**Output:** 



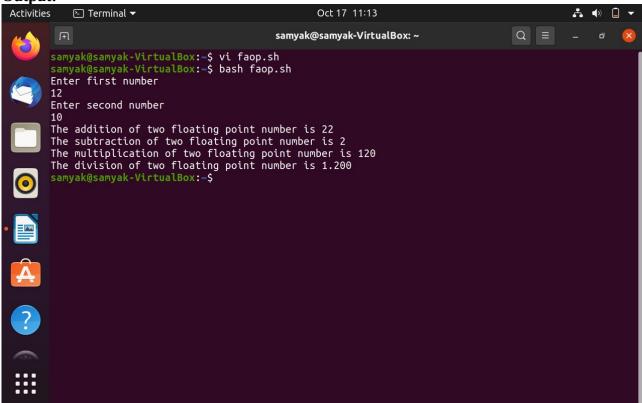
# 2) faop Shell script:

echo "Enter first number"
read a
echo "Enter second number"
read b
c=`echo "scale=3; \$a + \$b" |bc -l`
d=`echo "scale=3; \$a - \$b" |bc -l`
e=`echo "scale=3; \$a \* \$b" |bc -l`

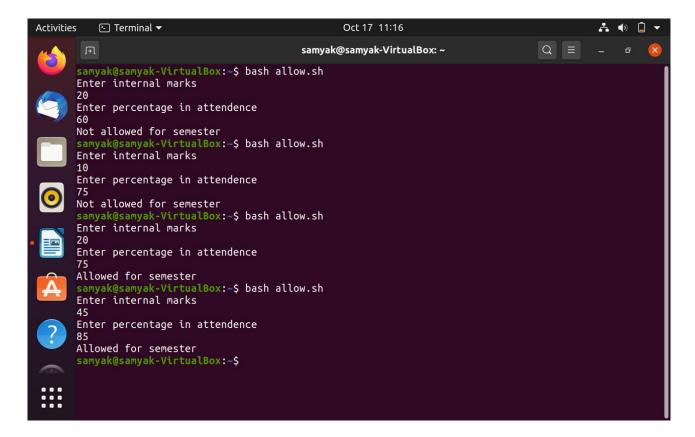
```
f=`echo "scale=3; $a / $b" |bc -l`
```

echo "The addition of two floating point number is \$c" echo "The subtraction of two floating point number is \$d" echo "The multiplication of two floating point number is \$e" echo "The division of two floating point number is \$f"

**Output:** 

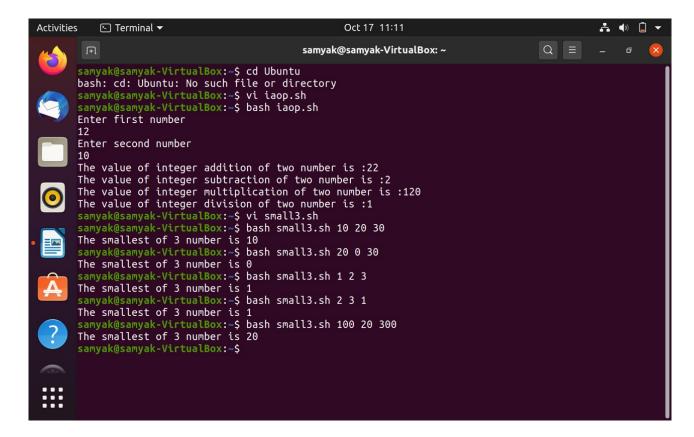


# 3) allow Shell script:



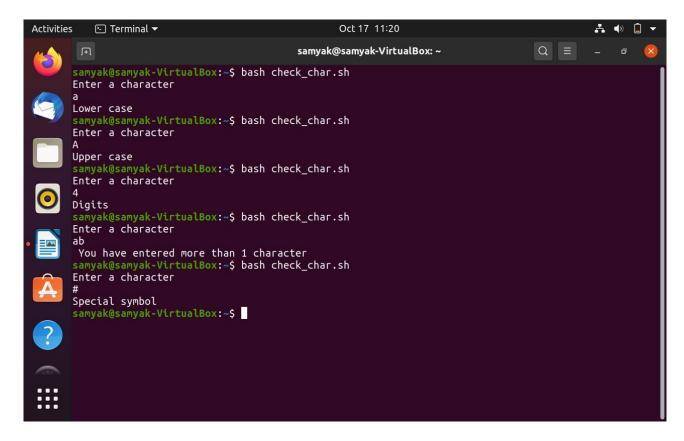
# 4) small3 Shell Script:

```
if [ $1 -le $2 -a $1 -le $3 ]
then
        echo "The smallest of 3 number is $1"
fi
if [ $2 -le $1 -a $2 -le $3 ]
then
        echo "The smallest of 3 number is $2"
elif [ $3 -le $2 -a $3 -le $1 ]
then
        echo "The smallest of 3 number is $3"
fi
```



# 5) check\_char Shell Script:

```
echo "Enter a character"
read a
if [[ a == [A-Z] ]]
then
     echo "Upper case"
elif [[ $a == [a-z] ]]
then
     echo "Lower case"
elif [[ $a == [0-9] ]]
then
     echo "Digits"
elif [[ ${#a} -gt 1 ]]
     echo " You have entered more than 1 character"
else
     echo "Special symbol"
fi
```



# 6) class\_time Shell Script:

```
echo "Enter a day to know the class time"
read a
case $a in
    Monday|Mon|monday|mon)
    echo "DOS class from 10:00AM-11:00AM";
    ;;
    Thursday|Thu|thursday|thu)
    echo "DOS class from 12:00PM-1:00PM";
    ;;
    Friday|Fri|friday|fri)
    echo "DOS class from 1:00PM-2:00PM";
    ;;
    *)
    echo "No DOS class"
    esac
```

