



**Name : Salma Rani**

**Sap : Id 54194**

**Instructor : Mam Ayesha**

**Subject : Operating system(lab)**

**(Lab 9)**

**Task 1:**

```
student@student-virtual-machine:~$ pico lab9.txt
student@student-virtual-machine:~$ cat lab9.txt
#!/bin/bash

# Prompt the user to enter the first integer
echo -n "Enter the first integer: "
read num1

# Prompt the user to enter the second integer
echo -n "Enter the second integer: "
read num2

# Calculate the sum
sum=$((num1 + num2))

# Print the result
echo "The sum is: $sum"
student@student-virtual-machine:~$ chmod +x lab9.txt
student@student-virtual-machine:~$ ./lab9.txt
Enter the first integer: 6
Enter the second integer: 2
The sum is: 8
student@student-virtual-machine:~$
```

## Task 2:

```
student@student-virtual-machine:~$ pico lab92.txt
student@student-virtual-machine:~$
student@student-virtual-machine:~$ cat lab92.txt
#!/bin/bash

# Define two integers and one float
a=5
b=7
c=5.5

# Perform (a * b) / c using bc via pipe, and format to 4 decimal places
result=$(echo "scale=4; ($a * $b) / $c" | bc -l)

# Print the result
echo "Result: $result"
student@student-virtual-machine:~$ chmod +x lab92.txt
student@student-virtual-machine:~$ ./lab92.txt
Result: 6.3636
student@student-virtual-machine:~$
```



