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Lab Assignment#No: 7

Exercise 1:

```
#!/bin/sh
echo "Enter the first number"
read x
echo "Enter the second number"
read y
sum=$(expr $x + $y)
echo "The sum of numbers you entered is" $sum
~
```

```
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ vi exercise1
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ chmod u+x exercise1
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ ./exercise1
Enter the first number
10
Enter the second number
20
The sum of numbers you entered is 30
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$
```

Exercise 2:

```
#!/bin/sh
a=5
b=7
c=5.5
mul=$(expr $a \* $b)
echo "Multiplication of two numbers and division of number by float value is"
echo "scale=4;$mul/$c" | bc
```

```
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ vi exercise2
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ chmod u+x exercise2
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ ./exercise2
Multiplication of two numbers and division of number by float value is
6.3636
```

Exercise 3:

```
#!/bin/sh
echo "Enter the directory name"
read str
mkdir $str
cd $str
date>timestamp
```

```
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ vi exercise3
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ chmod u+x exercise3
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ ./exercise3
Enter the directory name
string
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ ls
aspired1 exercise1 exercise3 string
aspired2 exercise2 secondlab vi editor
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS$ cd string/
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS/string$ ls
timestamp
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS/string$ cat timestamp
24 00:26:55 PKT 2021
ubuntu@ubuntu-HP-EliteBook-820-G2:~/OS/string$
```