

Student Work Area

Algorithm/Flowchart/Code/Sample Outputs

```
Lakshay@Lenovo-M ~  
$ vim experimenttwo.sh
```

```
Lakshay@Lenovo-M ~  
$ sh experimenttwo.sh  
hello world
```

```
~  
echo hello world|
```

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~  
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```

```
Lakshay@Lenovo-M ~  
$ vim expeimenttwo.sh
```

```
Lakshay@Lenovo-M ~  
$ sh experimenttwo.sh  
hello world
```

```
#!/bin/bash
echo "Enter a number:"
read num
factorial=1
for (( i=2; i<=num; i++ ))
do
    factorial=$((factorial * i))
done
echo "Factorial of $num is $factorial"
```

```
Lakshay@Lenovo-M ~  
$ sh factorial.sh  
Enter a number:  
5  
Factorial of 5 is 120
```

[illegible]

```
-- INSERT --
```

```
11, 30
```

```
A11
```

```
echo hello world
#!/bin/bash
echo "enter the salary"
read s
da=$(echo "$s * 0.10" | bc)
hra=$(echo "$s * 0.20" | bc)
gross=$((echo "$s +$da +%hra" (bc))
echo "salary: $s"
echo "DA: $da"
echo "HRA: $hra"
echo "gross salary is $gross"
```

[illegible]

```
Lakshay@Lenovo-M ~  
$ vim grosssalary.sh  
  
Lakshay@Lenovo-M ~  
$ sh grosssalary.sh  
gross salary  
enter the salary  
10000  
salary: 10000  
DA: 1000.00  
HRA: 2000.00  
gross salary is 13000.00
```