EXP NO - 4

CST 206 - Operating Systems Lab

7/05/2021

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Exercise1

Shell script-scientific calculator.

GNU nano 4.8

calculator.sh

#!/bin/bash

echo "

Calculator Menu

- Natural Log [l(value)]
- Exponential [e(value)]
- Square Root [sqrt(value)]
- Modulus [a%b]
- Sine [s(value)]
- Cosine [c(value)]

```
- Substraction [ a-b ]
       - Multiplication [ a*b ]
       - Division [ a/b ]
       #To Turn Off [ OFF ]
while true
echo -n "Operation: "
read op
if [ "$op" == "OFF" ]; then
break
if [[ "$op" == *"%"* ]]; then
echo "scale=0;$op" | bc -l -q
echo "scale=4;$op" | bc -l -q
echo "You Should Pass "on" As An Argument Inorder To Turn On The Calculator"
```

- Addition [a+b]

do

fi

else

fi

done

else

fi

[Read 49 lines]

Undo M-A Mark Text M-] To Bracket M-Q Previous ^B Back

Redo M-6 Copy Text ^Q Where Was M-W Next ^F Forward

```
| Name - Community | Major Will | Machine | Performance | Major | Majo
```