

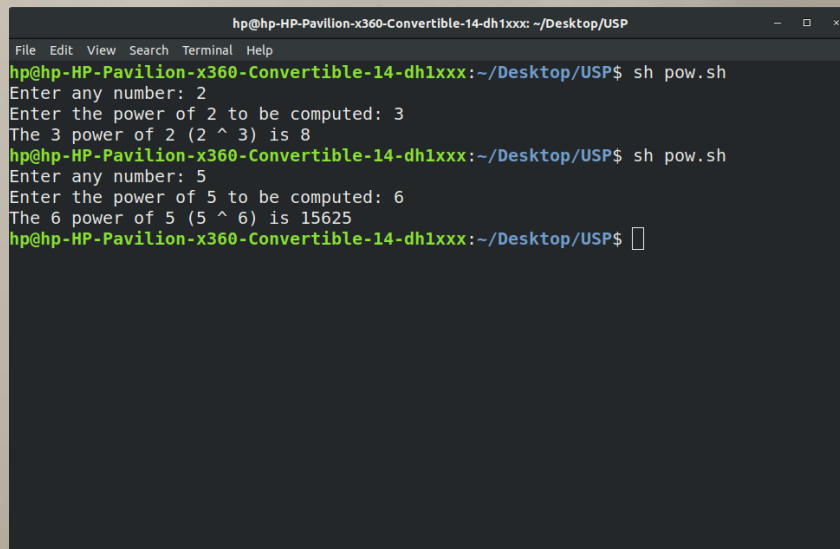
05-11-2020

USP Lab-4

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8) Shell Script to find power.

```
echo -n "Enter any number"
read number
echo -n "Enter the power of $number to be computed"
read pow
power = 1
num = $(echo $number)
echo -n "The $pow power of $number ($number ^ $pow) is"
if [ $number -eq 1 -o $pow -eq 1 ]
then
    echo $num
else
    while [ $power -lt $pow ]
    do
        num = $(echo "expr $num \* $number")
        power = $(echo "expr $power + 1")
    done
    echo $num
fi
```



```
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx: ~/Desktop/USP
File Edit View Search Terminal Help
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx:~/Desktop/USP$ sh pow.sh
Enter any number: 2
Enter the power of 2 to be computed: 3
The 3 power of 2 (2 ^ 3) is 8
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx:~/Desktop/USP$ sh pow.sh
Enter any number: 5
Enter the power of 5 to be computed: 6
The 6 power of 5 (5 ^ 6) is 15625
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx:~/Desktop/USP$
```