

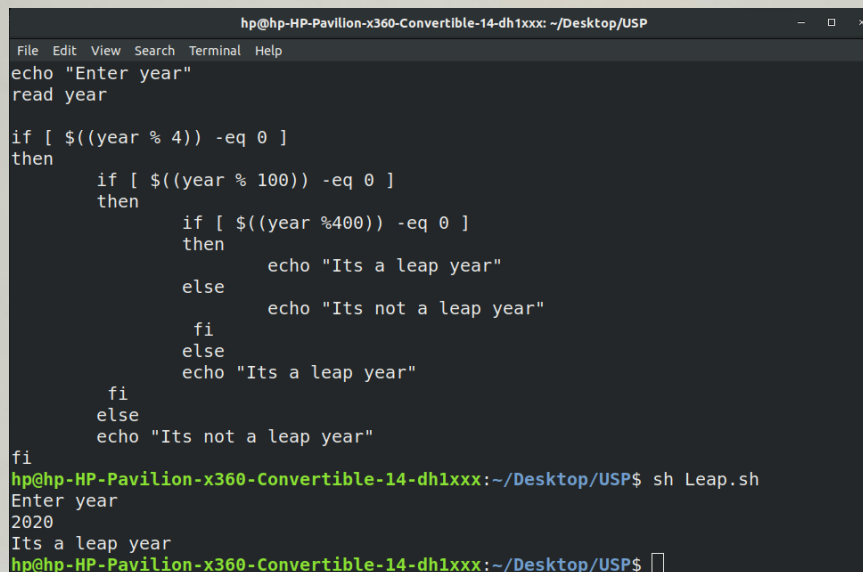
01-10-2020

USP Lab-1

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1) Shell Script to find if the given year is leap or not.

```
echo "Enter year"
read year
if [ $((year % 4)) -eq 0 ]
then
    if [ $((year % 100)) -eq 0 ]
    then
        if [ $((year % 400)) -eq 0 ]
        then
            echo "Its a leap year"
        else
            echo "Not a leap year"
        fi
    else
        echo "Its a leap year"
    fi
else
    echo "Its not a leap year"
fi
```



```
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx: ~/Desktop/USP
File Edit View Search Terminal Help
echo "Enter year"
read year

if [ $((year % 4)) -eq 0 ]
then
    if [ $((year % 100)) -eq 0 ]
    then
        if [ $((year % 400)) -eq 0 ]
        then
            echo "Its a leap year"
        else
            echo "Its not a leap year"
        fi
    else
        echo "Its a leap year"
    fi
else
    echo "Its not a leap year"
fi

hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx:~/Desktop/USP$ sh Leap.sh
Enter year
2020
Its a leap year
hp@hp-HP-Pavilion-x360-Convertible-14-dh1xxx:~/Desktop/USP$
```