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IBM18CS065

i) Largest of 3 numbers:-

```
echo "Enter a, b and c: "
read a b c

if [ $a -gt $b ]
then
        if [ $ a -gt $c ]
        then
                echo "$a is largest"
        else
                echo "$c is largest"
        fi
else
        if [ $b -gt $c ]
        then
                echo "$b is largest"
        else
                echo "$c is largest"
        fi
fi
# using logical and
if [ $a -gt $b ] && [ $a -gt $c ]
then
        echo "$ a is largest"
elif [ $b -gt $a ] && [ $b -gt $c ]
then
        echo "$ b is largest"
else
        echo "$c is largest
fi
```

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2) To recognize whether no. is positive negative or zero :-

```
echo "Enter number :"
read a
if [ $a -eq 0]
then
    echo "ZERO"
elif [$a -gt 0]
then echo "POSITIVE"
else
    echo "NEGATIVE"

fi
```

3) To find LEAP YEAR

```
echo "Enter year (YYYY):"
read y
if [ $((y%4)) -eq 0]
then
    if [ $((y%100)) -eq 0]
    then
        if [($((y%400)) -eq 0]
        then
            echo "LEAP year"
        else
            echo "Not LEAP year"
        fi
    else
        echo "LEAP year"
    fi
else
    echo "Not Leap year"
fi
```