

IF Else

1. ask the user for two numbers (int)

2. print them out

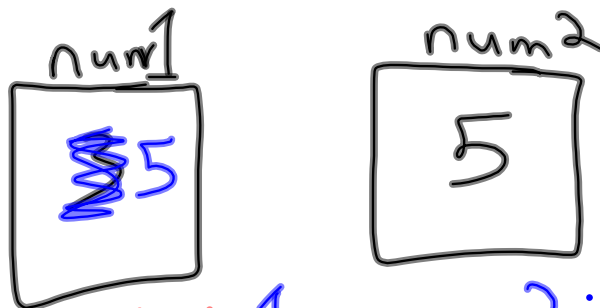
3. print either $num1 < num2$
 or $num1 \geq num2$

```
if (condition) {
  //run if true
```

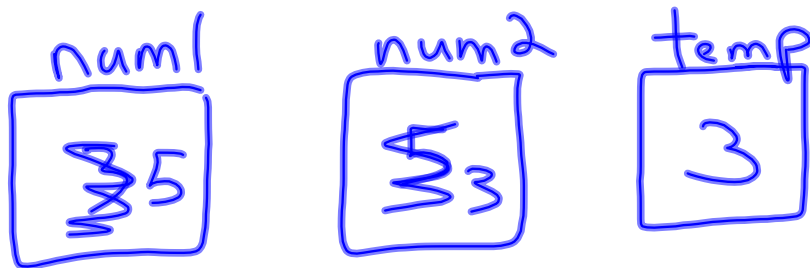
$num1 < num2$

```
} else {
  //run if false
}
```

3.a. `if(num1 < num2)`
swap the values



~~`num1 = num2;`~~



```
int temp = num1;  
num1 = num2;  
num2 = temp;
```

} swap

```
if (cond1) {
```

```
    {  
    else if (cond2) {
```

```
        {  
        else if (cond3) {
```

```
            {  
            else {
```

```
                }
```

" Select an operation: "
" (1) add \checkmark (2) subtract "
" (3) multiply \checkmark (4) divide "
" (5) Modulus \checkmark (6) power "

read a number

$num1 + num2 = \underline{\hspace{2cm}}$

power
... %f "

Math.pow(num1,
num2)