

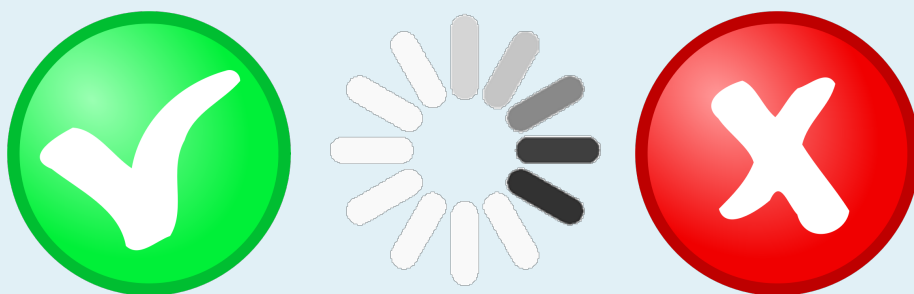
Playing with CONDITIONALS



```
if (non-terminating) {S1;}  
                    else {S2;}
```



non-terminating



```
if (b) {x=m;}  
else {x=n;}
```

Conditional Statement

```
x=  
(b) ? m : n  
;
```

Conditional Expression

```
if (b==true) {S1;} else {S2;}
```

```
if (b) {S1;} else {S2;}
```

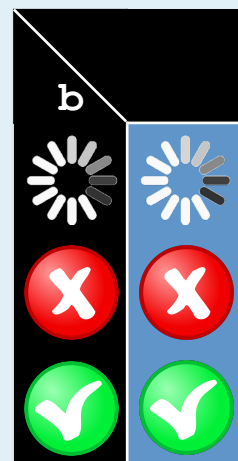
```
if (b==false) {S1;} else {S2;}
```

```
if (!b) {S1;} else {S2;}
```

```
if (b) {S2;} else {S1;}
```

```
b ? true : false
```

b



`b ? false : true`

`!b`

b	
⬤	⬤
⬤	⬤
⬤	⬤
⬤	⬤

`b ? c : false`

`b && c`

c	
b	
⬤	⬤
⬤	⬤
⬤	⬤
⬤	⬤

