

# C

SWE110

Lesson 4

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# Lesson 4

- In this lesson:
  - Program control:
    - ( condition) ? “Yes” : “No” ;
    - Switch + case
    - Break/Continue
  - Misc. catch- up: #ifdef
  - Homework 3
  - Lab

# 'Shortcut' condition

if ( **condition** )

    have one value;

else

    have another value;

```
int a;
```

```
int b = -3;
```

```
a = ( b>0) ? b : -b ;
```

.. And we've seen it in printf:

```
printf(" a is %s", (a)? "True" : "False" );
```

**Leads to succinct code!**

# Switch/Case

```
Switch ( c ) {  
    case '0':  
        ++cnt0 ;  
        break ;  
    case '1':  
    case '2':  
        ++cnt1or2 ;  
        break ;  
    default:  
        ++other ;  
        break ;  
}
```

## Note:

- 'fall through' behavior
- Break
- default;

Time to program!!

...

END