

NULL STATEMENTS

Tricky behavior and
common bugs

NULL STATEMENTS

A null statement is just an empty statement.

Sometimes a null statement is harmless, but other times it is a hard to see bug.

Null statements are NOT syntax errors!

```
for (int i = 0; i < 10; i++)  
    cout << i << endl;;
```

```
for (int i = 0; i < 10; i++);  
    cout << "Hello world" << endl;
```

```
if (counter < 10);  
    . . . . ;
```

A VALID NULL STATEMENT EXAMPLE

```
char  line[80];

// read data into line

int   end;
for (end = 79; end >= 0 && line[end] != ' '; end--)
    ;
```