Understanding Commenting in Code
Comments help others understand your code

Good developers write good code; great ones also write good comments.
Once students understand the need to comment code, they will see comments, even in code they haven’t yet learned.
Sometimes code is commented by hand...but that isn’t preserved for other programmers
Once students understand the need to comment code, they will see comments, even in code they haven’t yet learned.
What symbols precede the comments?

```python
# Exploration of Cython's def, cdef and cpdef functions.
# Copyright (C) 2014 Paul Ross
# Paul Ross: czipdev@gmail.com

def fib(n):
    """Vanilla Cython."""
    if n < 2:
        return n
    return fib(n-2) + fib(n-1)

def fib_int(int n):
    """Vanilla Python with type specification."""
    if n < 2:
        return n
    return fib_int(n-2) + fib_int(n-1)

def fib_cdef(int n):
    """Call a cdef.""
    return fib_int_c(n)

cdef int fib_int_c(int n):
    if n < 2:
        return n
    return fib_int_c(n-2) + fib_int_c(n-1)
cdef fib_cdef_cdef(int n):
    if n < 2:
        return n
    return fib_cdef(n-2) + fib_cdef(n-1)
```

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What symbols precede the comments?

```csharp
// This button gets information from a text box

private void btnStrings_Click(object sender, EventArgs e)
{
    string firstName;
    string messageText;

    messageText = "Your name is: ";

    // Get the text from the text box
    firstName = textBox1.Text;

    // MessageBox.Show(messageText + firstName);
}
```
Commenting in AgentSheets
Questions & Comments