

The life of a Bug

Start Here

Alright, this function looks perfect! Let's test this bad boy

```

1 CODE CODE
2 Func: calculateTotal(price,tax)
3 {return price * (1+tax);}
4
5 CODE
6 CODE
7 CODE
8 CODE
    
```

Yess! I'm free... This program needs a special touch :)

Okay, I'll input 100 for price, 0.1 for tax, meaning I should get 110!

TEST FAILED
Expected: 110
Got: 120

Wait, What The Heck!! That's NOT right! Why did it give me 120??

Wait... DO I have a BUG!?

FAIL!!

Ha! I'm a STAR Now!! I bet they can't find me...

1 FAILED
2 CODE
3
4 FAILED
5 CODE
6
7 FAILED
8 CODE
9 IN FRY

Check, Check Check, Oh! I see it now. The formula! I added an extra 1!

Name Error
Syntax Error
Indexing
colons

NO... NO... NO... Don't Catch Me!!

1

Alright, lets remove that extra 1... There, that should do it.

```

1 CODE(x):
2 for CODE in
3 CODE:
4 (Extra 1 now
5 Deleted)
6 if nam == __main__
7 pass
    
```

Oops, I was just playing. I'm totally harmless!!

Yipee!!

TEST PASSED
Expected: 110
Got: 110

Thank goodness, glad to have killed that bug. Time for a nice coffee break!

Funny that you thought you could get rid of me... I always come back :)

NOT AGAIN!! WHY DO BUGS NOT STAY DEAD!!

Bugs... The invisible menaces of code. They may seem gone, but they will always be lurking. In the life of a computer scientist, you need to expect the unexpected, like bugs.

Fin