

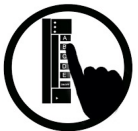
Debugging with Test Cases (Question)

```
def last_name_first(full_name):  
    """Returns: copy of full_name in the form <last-name>, <first-name>  
  
    full_name: has the form <first-name> <last-name>  
    with one or more blanks between the two names"""  
    #get index of space after first name  
1   space_index = full_name.index(' ')  
    #get first name  
2   first = full_name[:space_index]  
    #get last name  
3   last = full_name[space_index+1:]  
    #return "<last-name>, <first-name>"  
4   return last+', '+first
```

Which line is
“wrong”?
A: Line 1
B: Line 2
C: Line 3
D: Line 4
E: I don't know

```
last_name_first('Katherine Jones')  
last_name_first('Katherine   Jones')
```

```
gives 'Jones, Katherine'  
gives '   Jones, Katherine'
```



Debugging with Test Cases (Solution)

```
def last_name_first(full_name):  
    """Returns: copy of full_name in the form <last-name>, <first-name>  
  
    full_name: has the form <first-name> <last-name>  
    with one or more blanks between the two names"""  
    #get index of space after first name  
1   space_index = full_name.index(' ')  
    #get first name  
2   first = full_name[:space_index]  
    #get last name  
3   last = full_name[space_index+1:]  
    #return "<last-name>, <first-name>"  
4   return last+', '+first
```

CORRECT

Which line is
“wrong”?
A: Line 1
B: Line 2
C: Line 3
D: Line 4
E: I don't know

```
last_name_first('Katherine Jones')  
last_name_first('Katherine   Jones')
```

```
gives 'Jones, Katherine'  
gives '   Jones, Katherine'
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