

Code Debugging: Example Code in Python

Python code with 3 syntax errors:

```
print("This line of code is before both IF-ELSE functions")
countervariable = 125
if (countervariable < 100):
    print("Counter is smaller than 100")
    print("This line is in the first if section")
else
    print("Counter is greater than 100")
    print("This line is in the first else section")
number = 3
if (number > 0):
    print("Number is a positive number")
    print("This line is in the second if section")
else:
    print("Number is a negative number")
    print("This line is in the second else section")
print("This line of code is after both of the IF-ELSE functions")
```

Debugged code (corrections in green):

```
print("This line of code is before both IF-ELSE functions")
countervariable = 125
if (countervariable < 100):
    print("Counter is smaller than 100")
    print("This line is in the first if section")
else:
    print("Counter is greater than 100")
    print("This line is in the first else section")
number = 3
if (number > 0):
    print("Number is a positive number")
    print("This line is in the second if section")
else:
    print("Number is a negative number")
    print("This line is in the second else section")
print("This line of code is after both of the IF-ELSE functions")
```