

Computer Science 1	Lab 03B
Fixing Syntax Errors	1-Day Minor Python Assignment
	90 & 100 Point Versions
Assignment Purpose: The purpose of this lab assignment is to give students practice finding and fixing Syntax Errors in their program.	

Unlike your previous lab assignment, in this assignment the program is already written for you. The problem is the program is full of syntax errors. You need to find and fix all of the errors in the program. When you run the program, you will see an error in the **Run I/O** Window. Find and fix that. After you do this, run the program again. Fix that error also. Keep repeating this process until you can run the program with no errors. You may refer to Chapter 3 textbook, slides and/or program examples (specifically, the section titled "Syntax Errors" to help you on this assignment.

Lab 03B Student Version	Do not copy this file, which is provided.
<pre> 1 Lab03Bst.py 2 """Fixing Syntax Errors" 3 This is the student, starting version of Lab 03B. 4 It contains several errors. Most are "Syntax Errors". 5 Students need to find and fix all errors in this program. 6 7 #print() 8 #print("*****") 9 #print("Lab 03B, Fixing Syntax Errors") 10 #print("100 Point Version") 11 print("By: JOHN SMITH") # Substitute your own name here. 12 print("*****") 13 print("/n") 14 PRINT("You need to go through this program,") 15 Print("find all of the syntax errors") 16 prnt("one by one, and fix them.") 17 print["There will be many errors."] 18 print{} 19 print("Remember, you will only see",end="???") 20 print"one error at a time") 21 pwint("in the "Compile Messages" window.") 22 prnt() 23 print("You may wonder why an "interpreted") 24 print"language has a window called "COMPILE".") 25 print("One reason is that jGRASP was originally" 26 print("created for Java (hence the "j" in jGRASP).") 27 print() 28 pint("Another reason is that modern interpreted") 29 print("languages actually") 30 print("compile the program") 31 prin("during the first execution, while it is") 32 print("being interpreted, into something called") 33 print("bytecode".) 34 print[] 35 print{"You will notice that when you execute"} 36 print"the same program a second time, it" 37 print will execute faster. 38 print() 39 print("When all errors have been corrected") 40 print("and your output matches the provided") 41 print("Sample Execution", show it to your",end="") 42 print("teacher.") </pre>	

100 Point Version Specifics and Exact Output

To earn 100 points, you need to fix ALL syntax errors. You also need to fix other issues in the program so your output matches the output below EXACTLY (except it will have your name).

```
----jGRASP exec: python Lab03Bv100.py
```

```
*****  
Lab 03B, Fixing Syntax Errors  
100 Point Version  
By: JOHN SMITH  
*****
```

You need to go through this program,
find all of the syntax errors
one by one, and fix them.
There will be many errors.

Remember, you will only see
one error at a time
in the "Compile Messages" window.

You may wonder why an "interpreted"
language has a window called "COMPILE".
One reason is that jGRASP was originally
created for Java (hence the "j" in jGRASP).

Another reason is that modern interpreted
languages actually compile the program
during the first execution, while it is
being interpreted, into something called
"bytecode".

You will notice that when you execute
the same program a second time, it
will execute faster.

When all errors have been corrected
and your output matches the provided
"Sample Execution", show it to your
teacher.

```
----jGRASP: operation complete.
```

90 Point Version Specifics and Sample Output

You will earn 80 points if your output is similar to the 100 point version output, but not exactly the same. This means you only fixed the syntax errors, but did not fix the other "issues" in the program. A sample output is below.

```
----jGRASP exec: python Lab03Bv90.py
By: JOHN SMITH
*****
/n
You need to go through this program,
find all of the syntax errors
one by one, and fix them.
There will be many errors.

Remember, you will only see???one error at a time
in the "Compile Messages" window.

You may wonder why an "interpreted"
language has a window called "COMPILE".
One reason is that jGRASP was originally
created for Java (hence the "j" in jGRASP).

Another reason is that modern interpreted
languages actually
compile the program
during the first execution, while it is
being interpreted, into something called
"bytecode".

You will notice that when you execute
the same program a second time, it
will execute faster.

When all errors have been corrected
and your output matches the provided
"Sample Execution", show it to yourteacher.

----jGRASP: operation complete.
```