

AOZ Studio Beta - Bug #306

For/Next with Floating point step not executing correct number of iterations.

03/15/2020 02:16 PM - David Baldwin

Status:	Closed	Start date:	03/15/2020
Priority:	Normal	Due date:	
Assignee:	Francois Lionet	% Done:	0%
Category:		Estimated time:	0:00 hour
Target version:			
Affected version:	0.9.6.4		

Description

In this example, with step 0.2, 6 iterations are executed correctly:-

```
Count=0
X=0 : Y=1
Fix 2
FS#=0.2
For F#=X to Y Step FS#
Inc Count
Print F#;
Next F#
print
Print
Print "Iterations: ";Count
```

However, in this example, only 50 iterations are executed and it should be 51. You will see that the loop doesn't actually reach 1.0, only 0.98.

```
Count=0
X=0 : Y=1
Fix 2
FS#=0.02
For F#=X to Y Step FS#
Inc Count
Print F#;
Next F#
print
Print
Print "Iterations: ";Count
```

History

#1 - 04/09/2020 01:05 PM - David Baldwin

Fixed in 0.9.8. Test 2

#2 - 04/09/2020 01:06 PM - David Baldwin

- Status changed from New to Closed