

## 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

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