

Day 10--Concept Questions

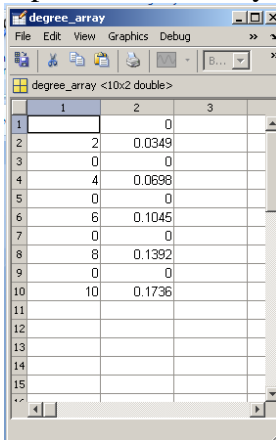
Name: _____

CM: _____

1. Consider the following code:

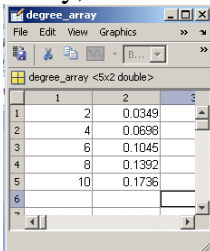
```
clc
clear variables
for degree = 2:2:10
    degree_array(degree,1) = degree;
    degree_array(degree,2) = sin(degree * pi / 180);
end
```

It produces the array `degree_array` that, in the array editor, looks like



	1	2	3
1			0
2	2	0.0349	
3	0	0	
4	4	0.0698	
5	0	0	
6	6	0.1045	
7	0	0	
8	8	0.1392	
9	0	0	
10	10	0.1736	
11			
12			
13			
14			
15			

Sadly, what we wanted was:



	1	2	3
1	2	0.0349	
2	4	0.0698	
3	6	0.1045	
4	8	0.1392	
5	10	0.1736	
6			

Fix the code below so that it makes the correct array.

```
clc
clear variables

row=_____

for degree=2:2:10

    degree_array(_____,1) = degree;

    degree_array(_____,2) = sin(degree*pi/180);

    row=_____

end
```