

Day 11--Concept Questions

Name: _____

CM: _____

You would like a code to produce the following two vectors and then plot them.

<i>x</i>	<i>y</i>
1	4
2	5
3	6
4	7
5	8

You are given the following code (line numbers given to the left):

```
1   clc
2   clear
3   for i = 1:5
4       x(i,1)=i;
5       y(i,2)=x+3;
6   end
7   plot(x,y,'o')
```

When you try to run this you get the following error:

??? Subscripted assignment dimension mismatch.

```
Error in ==> concept_question at 5
    y(i,2)=x+3;
```

1. What is causing this error and what can be done to fix it?

After you fix that error, your program runs but you find that your plot looks like this:

2. Why are there two sets of dots? What can be done to make the plot look the way it should?

