

Day 6--Concept Questions

Name: _____

CM: _____

1. Consider the following code scrap:

```
fred = 2;  
for i = 1:3  
    fred = fred + 1;  
end
```

What will the final value of fred be?

- a. fred=1
- b. fred=3
- c. fred=4
- d. fred=5
- e. None of the above

2. Consider the following code scrap:

```
for i = 1:3  
    fred = fred + fred * fred;  
end
```

If you try to type the code scrap like it is shown here, it won't run. There is a line missing from this code. Add the missing line.

(over)

3. Consider the following code scrap:

```
fred = 1;  
for i = 1:3  
    fred = fred * 2;  
    i = i + 1;  
end
```

Is there an unnecessary line in the code? Explain.

4. Consider the following code scrap:

```
fred = 5;  
i = 0;  
for i = 1:3  
    fred = fred + i * i;  
end
```

Is there an unnecessary line in the code? Explain.