Name	TA	Login name
		C

- Turn off your cell phone to avoid losing a letter grade when it rings.
- Use the amount of space provided to gauge how much you should write. Brevity is the soul of points. Points are not related to wit.
- Legibility counts, so be neat. If your writing is smaller than the typeface of this exam, I may deduct points
- Points may be deducted for irrelevant, meaningless, or contradictory statements (and of course, just plain false statements). Please be sure to answer the question I asked!
- Do not complicate an example. Do not make up features of an example unless directed to do so. Simple is best!
- Some questions look hard at first, but if you for(i=0;i<3;i++) breatheDeeply(); you realize it is simpler than you first thought.
- Do not change code I have written unless explicitly directed to do so.

1.	(6 pts) A scrum is a	that lasts about	with a frequency of
2.	(6 pts) In Git, what is the difference betw	ween push and commit?	
3.	(6 pts) Which design pattern can be mod	leled by the Swing implementation of JButton?	
1	(6 nts) When a Set a needs to check wh	nether an object is a duplicate, first s calls	
4.	,	•	
	because it is,	, and then s calls	
5.	(6 pts) When we pass a Comparator objection	ect as a parameter, instead of passing a method,	that is an example of
		 -	
_	(C ptp) I = 1 = 1 = 1 = 1	on I Commenter And Properties Transfer	4
6.	(6 pts) Java has interfaces Comparable a Comparator?	and Comparator. As discussed in class, what is	the main advantage of
7.	(6 pts) Who is invited to a sprint review?	?	
8.	(6 pts) What is the output of a sprint retr	rospective?	
		-	
9.	(6 pts) Scrum is a form of	methodology,	
	which gives a lot of power to		
	The older methodology we discussed brid	efly in class was	
10.	(6 pts) The is	s responsible for estimating how long it will take	e to complete a task.
11.	(6 pts) The duration of a scrum is about		
12.	(6 pts) Will the second midterm potenti (Hint: true)	ally contain material from the first midterm and	d every class exercise?

//Write minimal code. You may not need all lines. //A FriedEggException is a kind of Exception.	
Define a minimal FriedEggException to be used below.	
class TryCatch{	
//Write a very short method that will always raise a FriedEggExcept	ion.
<pre>public static void main(String[] args) {</pre>	
//Call the method you defined and write code to handle the exception by //printing it (or the stack).	7
}	

(20 pts) <u>Assume two cows are the same if they have the same name.</u> Write class Cow and the necessary methods to make main this work, and put a print statement inside each method. Then on the lines next to each call to add, write what the methods would print.

```
class HashSetPractice {
   /*
    \star On the comment lines provided, write \starall\star that is printed as a
    * result of each line of code.
    */
public static void main(String[] args) {
              HashSet<Cow> herd = new HashSet<Cow>();
              herd.add(new Cow("A"));
              System.out.println();
              herd.add(new Cow("Alba"));
                                           //____
              System.out.println();
              herd.add(new Cow("A"));
              System.out.println();
              herd.add(new Cow("Aga"));
              System.out.println();
                                           //_____
              herd.add(new Cow("A"));
              System.out.println();
              System.out.println(herd.size()); //_____
       }
```