**Quiz #1 (25 pts) – March 1st, 2016**

All answers must be of your own work. Type out your answers and submit your quiz through Blackboard for Quiz #1.

1. (5 points) In your own words, describe what a collection class does.
2. (10 points) Describe the benefits and the pitfalls of using an array based implementation for the Bag class.
3. (10 points) Write only pseudocode for a method named **indexOf**, when passed a parameter named **item**; that returns the index of the item when found in the Bag (or returns -1 if the item is not in the Bag).