

# Quiz 8: Sets and Multi-Sets

CS 14 - Data Structures

April 26, 2013

1. What is the difference between a Set and a Multi-Set?
  
  
  
  
  
  
  
  
  
  
2. Give three examples of when it makes sense to use a Set or Multi-Set.  
(You must specify which one is appropriate!)
  - (a)
  - (b)
  - (c)
  
  
  
  
  
  
  
  
  
  
3. Name the supported functions for a Set. Implement them on top of a BST.  
What are your best and worst case run times? How would this differ for  
a Multi-Set