CSE 12 – Basic Data Structures and Object-Oriented Design
Lecture 15

Greg Miranda & Paul Cao, Winter 2021

This lecture is being recorded

Announcements

- Quiz 15 due Monday @ 8am

- Survey 6 due Friday @ 11:59pm

- PA5 due tonight @ 11:59pm

Topics

- Map and HashTable

- Questions on Lecture 15?

Hash Table – draw the picture (Separate Chaining)

int getIndex(String k) {

   return k.length;

}

# of buckets – 6

   (i.e. the size of the array)

set("Smith", 1);

set("Johnson", 2);

set("Williams", 3);

set("Brown", 4);

set("Jones", 5);

set("Garcia", 6);

set("Miller", 7);

set("Davis", 8);

set("Rodriguez", 9);

set("Martinez", 10);

Questions on Lecture 15?