

CSE 12 – Basic Data Structures and Object-Oriented Design

Lecture 15

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Announcements

- Quiz 15 due Wednesday @ 12pm
- PA5 due Wednesday @ 11:59pm (closed)
- Survey 6 due Friday @ 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);
```