

Lab 17: Hashing with Linked Chaining

Instructions: In this lab write a hashing object that implements hashing using linked chaining for collision resolution. Use the Employee class developed in class in order to test.

```
1 package csu.csci325;
2
3 public interface Hash<K, V> {
4     // inserts the value into the hash object hashed (indexed) by key.
5     public void put (K key, V value);
6
7     // returns the object whose object.key.equals(key).
8     public V get(K key);
9
10    // return the number of key-value pairs in the hash object.
11    public int size();
12 }
```

Write some test cases:

Create some test cases utilizing the Employee class that you believe would cover all aspects of your code. You may write manual tests or use JUnit.

How to turn in:

Turn in via GitHub. Ensure the file(s) are in your lab17 directory and push via IntelliJ (VCS ↑) OR use the command line:

- \$ git add <files>
- \$ git commit
- \$ git push

Due Date: November 24, 2015 2359

Teamwork: No teamwork, your work must be your own.