# Part 2 ­ Hash Function Analysis

1. Analyzing the hash table containing the pointers to the all the student objects in the institution object
2. The indexing key used is the student number
3. Student number was chosen because every student will have a unique student number

## Results:

### What does the range of hash table array indices produced by our hash function look like?

### Can we predict where all the other indices (not produced in our experiment) would "land"?

### Does our hash function evenly distribute indexing keys across the range of hash table array indices? Do we obtain a 1­to­1 mapping?

### Is our hash function producing collisions? Why?

### What do synonyms look like? Give some examples of synonyms.