# Assignment#04 - Hashing

- Implement Rehashing in C++
- Create a class named HashTable
  - While creating the object of the class you should be able to:
    - Fix the size of the hash table
    - Select a range of numbers to be stored in the table (your table should reject numbers outside of that range)
  - Create a function for insertion. That should:
    - be able to handle collisions by linear probing
    - create another table double the size of the original table if the original table is 70% full (as in rehasing)
  - Create a function for searching which should be able to handle all the scenarios as discussed in the class