map
map()
int size() const
int count(const string& key) const
void erase(const string& key)
void set(const string& key, T value)
void display() const
KeyCompare key_compare() const
T& operator[](const string& key)
bool operator==(const map<T>& other)const

struct KeyCompare
bool operator()(const string& key1, string& key2)const

const int TABLE_SIZE
vector<list<pair<string, T>>> table
int num_elements
size_t hash(const string& key)