

I ILLINOIS

Dictionaries

Learning Objectives

1. Understand the Dictionary ADT
2. List some applications of dictionaries



Dictionary

Stores key -> value pairs

Applications:



Dictionary ADT

Insert ()

Remove ()

Find ()



```
1 #pragma once
2
3
4 class Dictionary {
5     public:
6         void insert(const K key, V value);
7         V remove(const K & key);
8         V find(const K & key) const;
9         iterator begin();
10        iterator end();
11        // ...
12
13    private:
14        // ...
15
16
17
18
19 };
```