STL Ordered Associative Container: set

- An **std::set** is an ordered collection of unique keys
  - e.g., a set of student id #'s

```cpp
#include <iostream>
#include <iterator>
#include <set>
using namespace std;

int main () {
   set<int> s; set<int>::iterator it;

   for (int i = 1; i <= 5; i++)
     s.insert(i * 10);
   auto ret = s.insert(20);
   if (ret.second == false)
     it = ret.first;

  copy (s.begin (), s.end (),
        ostream_iterator<int>(cout, " "));
  ...
```

See github.com/douglascraigschmidt/CPlusPlus/tree/master/STL/S-05/5.3