Interlude 8: The Standard Template Library

See also

These CS 200 lectures might help you out…

- STL Vectors
  http://www.cplusplus.com/reference/vector/vector/

- STL Lists
  http://www.cplusplus.com/reference/list/list/

- STL Stacks
  http://www.cplusplus.com/reference/stack/stack/

- STL Queues
  http://www.cplusplus.com/reference/queue/queue/

- STL Maps
  http://www.cplusplus.com/reference/map/map/

Vocabulary

Write out a description of each vocabulary term for reference later.

Term	Description
Container	
Template	
Vector	
List	
Stack	
Queue	
Map	

Concepts

STL Vector

Write out some example code for each of the following functions:

size	
push_back	
pop_back	
operator[]	

STL List

Write out some example code for each of the following functions:

size	
empty	
push_back	
push_front	
pop_back	
pop_front	
sort	
reverse	

STL Stack

Write out some example code for each of the following functions:

size	
empty	
top	
push	
pop	

STL Queue

Write out some example code for each of the following functions:

`size`	
`empty`	
`front`	
`push`	
`pop`	

STL Map

Write out some example code for each of the following functions:

`size`	
`empty`	
`operator[]`	
`count`	