Course List Class

- testAddCourse()
  - Tested the different needs of adding a course
    - Added courses to given indexes that was already empty
    - Added a course to an index that was full to have following courses move one index right
    - Added a course to an index past the end of the size where it would add the course to the size + 1 index
  - All tests passed

- testRemoveCourse()
  - Tested the different needs of removing a course
    - Removed a course from a middle index to have following courses move one index left ⇒ return true
    - Remove a course with an index greater than the size of the list ⇒ return false and index is empty
  - All tests passed

- testSize()
  - Testing to see if the correct number of courses in the array can be returned
    - After adding multiple courses
    - After removing course
  - All tests passed

- testChangeCapacity()
  - Testing to see if courses in the list can have their capacity correctly changed
    - Checked what would happen if one tried to change capacity of course not in the list
    - Checked and confirmed each courses change in capacity
  - All tests passed

- testGetCourseWithIndex()
  - Testing to see if the found course is the same as the course at that index
    - Created new course objects so that the found course could be read
    - Compared with the course actually in the array
  - All tests passed

- testSearchCourseID()
  - Testing to see if the returned index is where the course is in the array after searching for the course ID
    - Checked the index of courses searched for
    - Checked to see if a nonexistent course in the array returned -1
  - All tests passed

- testSearchCourseName()
  - Testing to see if the returned index is where the course is in the array after searching for the course name
    - Checked the index of courses searched for
    - Checked to see if a nonexistent course in the array returned -1
  - All tests passed