

Name: \_\_\_\_\_

#	Item	Value	Earned
<b>1</b>	<b>General</b>	<b>10</b>	
-	Github repository exists		
-	<b>assignments</b> folder exists in Repo		
-	<b>P01</b> folder exists in <b>assignments</b>		
-	Your Code is commented.		
<b>2</b>	<b>Files</b>	<b>10</b>	
-	Class definition called <b>myvector.h</b> correctly created.	-	
-	Class implementation called <b>myvector.cpp</b> contains implementation.	-	
-	<b>main.cpp</b> contains tests to show requirements were met.	-	
<b>3</b>	<b>Class Container</b>	<b>50</b>	
-	Used an array as the container for the vector	-	
-	Container grew at the appropriate time.	-	
-	Container shrank at the appropriate time.	-	
<b>4</b>	<b>Class Methods</b>	<b>10</b>	
-	pushBack method exists and works correctly	-	
-	popBack method exists and works correctly	-	
<b>5</b>	<b>Tests</b>	<b>20</b>	
-	Printing of test info show program functioned correctly	-	
	(Not based on correctness of program, just based on running tests)		
Total:		<b>100</b>	

## Testing your code

- Write a program that creates an implementation of your vector class and runs the following tests on it:
  - Create instance of **myvector** of size 10 and immediately attempt to **pop\_back** (remove from empty vector should not crash).
  - Insert the values 13,31,73 into your vector. Print it out.
  - Insert 10000 items into your vector. Print the size of your vector.
  - Remove 9998 items from your vector. Print the size of your vector.
  - Print out your vector.