```
main.cpp  vectorType.cpp  vectorType.h  vectorType.h.gch  within-header
[cody@fedora 🎃 homework-5 (git:hw5)]$ g++ main.cpp vectorType.h -Wall -pedantic -std=c++11
[cody@fedora 🎃 homework-5 (git:hw5)]$ ls
a.out  main.cpp  vectorType.cpp  vectorType.h  vectorType.h.gch  within-header
[cody@fedora 🎃 homework-5 (git:hw5)]$ ./a.out
Testing `Vector<int>`...
~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~~~~~~~~~~~~
Enter the 3 components of the vector:
vector[0] = 1
vector[1] = 2
vector[2] = 3

v1 = (1, 2, 3)

Deep copying v1 into v2...
~~~~~~~~~~~~~~~~~~~~~~~~
v1 = (1, 2, 3)
v2 = (1, 2, 3)

Changing components of v1...
~~~~~~~~~~~~~~~~~~~~~~~~
v1 = (3142, 1414, 1729)
v2 = (1, 2, 3)

Testing `Vector<double>`...
~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~~~~~~~~~~~~~~
Enter the 3 components of the vector:
vector[0] = 1.1
vector[1] = 2.2
vector[2] = 3.3

v3 = (1.1, 2.2, 3.3)

Deep copying v3 into v4...
~~~~~~~~~~~~~~~~~~~~~~~~
v3 = (1.1, 2.2, 3.3)
v4 = (1.1, 2.2, 3.3)

Changing components of v3...
~~~~~~~~~~~~~~~~~~~~~~~~
v1 = (3.14, 1.414, 1.618)
v2 = (1.1, 2.2, 3.3)
[cody@fedora 🎃 homework-5 (git:hw5)]$ 
```