

```
[cody@fedora 🍁 homework-5 (git:hw5)]$ g++ vectorType.h main.cpp -Wall -pedantic -std=c++11
```

```
[cody@fedora 🍁 homework-5 (git:hw5)]$ ./a.out
```

```
Testing `Vector<int>`...
```

```
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```

```
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```

```
Enter the 3 components of the vector:
```

```
vector[0] = 1
```

```
vector[1] = 3
```

```
vector[2] = 5
```

```
v1 = (1, 3, 5)
```

```
Deep copying v1 into v2...
```

```
~~~~~
```

```
v1 = (1, 3, 5)
```

```
v2 = (1, 3, 5)
```

```
Changing components of v1...
```

```
~~~~~
```

```
v1 = (3142, 1414, 1729)
```

```
v2 = (1, 3, 5)
```

```
Testing `Vector<double>`...
```

```
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```

```
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```

```
Enter the 3 components of the vector:
```

```
vector[0] = 1.23
```

```
vector[1] = 2.34
```

```
vector[2] = 3.45
```

```
v3 = (1.23, 2.34, 3.45)
```

```
Deep copying v3 into v4...
```

```
~~~~~
```

```
v3 = (1.23, 2.34, 3.45)
```

```
v4 = (1.23, 2.34, 3.45)
```

```
Changing components of v3...
```

```
~~~~~
```

```
v1 = (3.14, 1.414, 1.618)
```

```
v2 = (1.23, 2.34, 3.45)
```

```
[cody@fedora 🍁 homework-5 (git:hw5)]$
```