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//  
// FunctionalVector_unittest.cpp  
// CppPractice  
//  
// Created by Stewart Bracken on 12/12/13.  
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//  
  
#include <stdio.h>  
#include <gtest/gtest.h>  
#include "FunctionalVector.h"  
  
TEST(FunctionalVector, comprehensive_test){  
    FunctionalVector<int> original({1,2,3,4,5});  
    FunctionalVector<int> sliced = original;  
    sliced.slice(1,3); //slice to indices 1->3s  
    ASSERT_EQ(original[1], sliced[0]);  
    sliced[0] = 10;  
    original[0] = 11;  
    std::cout<<"original: "<<original<<std::endl;  
    std::cout<<"sliced: "<<sliced<<std::endl;  
    FunctionalVector<int> slice_copy = original.slice(2, 4);  
    std::cout<<"original: "<<original<<std::endl;  
    std::cout<<"slice_copy: "<<slice_copy<<std::endl;  
}
```