**Title: Test cases**

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Here is my test cases with {latitute, longitude}:  
  
private static void simulateTestCases() {

// Test cases (latitude, longitude)

double[][] testCases = {

{ 0.0, 0.0 }, // Equator and Prime Meridian

{ 90.0, 0.0 }, // North Pole

{ -90.0, 0.0 }, // South Pole

{ 0.0, 180.0 }, // International Date Line, Equator

{ 51.477928, -0.001545 }, // Greenwich Observatory

{ 38.897676, -77.036530 }, // The White House, Washington D.C.

{ 48.858844, 2.294351 }, // Eiffel Tower, Paris

{ 35.689487, 139.691706 }, // Tokyo, Japan

{ -22.906847, -43.172896 }, // Rio de Janeiro, Brazil

{ 55.755826, 37.617300 } // Moscow, Russia

};