@Test

public void ISP\_testTriang\_1(){

assertEquals(4,tri.Triang(7,7,7));

assertEquals(4,tri.Triang(6,6,6));

assertEquals(4,tri.Triang(0,0,0));

assertEquals(4,tri.Triang(-6,-6,-6));

}

@Test

public void ISP\_testTriang\_2(){

assertEquals(4,tri.Triang(6,6,6));

assertEquals(4,tri.Triang(6,3,3));

assertEquals(4,tri.Triang(6,0,0));

assertEquals(4,tri.Triang(6,-3,-3));

assertEquals(4,tri.Triang(3,6,3));

assertEquals(4,tri.Triang(3,3,0));

assertEquals(4,tri.Triang(3,0,-3));

assertEquals(4,tri.Triang(3-30));

assertEquals(4,tri.Triang(0,60));

assertEquals(4,tri.Triang(0,3,-3));

assertEquals(4,tri.Triang(0,0,6));

assertEquals(4,tri.Triang(0,-3,3));

assertEquals(4,tri.Triang(-3,6,-3));

assertEquals(4,tri.Triang(-3,6,6));

assertEquals(4,tri.Triang(-3,0,3));

assertEquals(4,tri.Triang(-3,-3,0));

}

@Test

public void GC\_testTriang\_1(){

assertEquals(1,tri.Triang(6,7,9));

assertEquals(2,tri.Triang(7,7,9));

assertEquals(3,tri.Triang(7,7,7));

assertEquals(4,tri.Triang(1,3,7));

assertEquals(4,tri.Triang(-1,3,7));

}

@Test

public void GC\_testTriang\_2(){

assertEquals(1,tri.Triang(6,7,9));

assertEquals(2,tri.Triang(7,7,9));

assertEquals(2,tri.Triang(7,9,7));

assertEquals(2,tri.Triang(9,7,7));

assertEquals(3,tri.Triang(7,7,7));

assertEquals(4,tri.Triang(1,3,7));

assertEquals(4,tri.Triang(1,7,3));

assertEquals(4,tri.Triang(7,3,1));

assertEquals(4,tri.Triang(3,3,7));

assertEquals(4,tri.Triang(3,7,3));

assertEquals(4,tri.Triang(7,3,3));

assertEquals(4,tri.Triang(-1,3,7));

assertEquals(4,tri.Triang(1,-3,7));

assertEquals(4,tri.Triang(1,3,-7));

}

@Test

public void GC\_testTriang\_3(){

assertEquals(1,tri.Triang(5,7,9));

assertEquals(2,tri.Triang(7,7,9));

assertEquals(3,tri.Triang(7,7,7));

assertEquals(4,tri.Triang(1,3,7));

}

@Test

public void GC\_testTriang\_4(){

//triOut = 4

assertEquals(4,tri.Triang(1,3,7));

assertEquals(4,tri.Triang(1,7,3));

assertEquals(4,tri.Triang(7,3,1));

assertEquals(4,tri.Triang(3,3,7));

assertEquals(4,tri.Triang(3,7,3));

assertEquals(4,tri.Triang(7,3,3));

assertEquals(4,tri.Triang(-1,3,7));

assertEquals(4,tri.Triang(1,-3,7));

assertEquals(4,tri.Triang(1,3,-7));

}

@Test

public void testTriangMutantOne(){

assertEquals(4,triMt1.Triang(3,3,7));

}

@Test

public void testTriangMutantTwo(){

assertEquals(4,triMt2.Triang(3,3,6));

}