package OptDist;

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public class OptionalTest {

public void testGetCapacity()

{

Optional optional = new Optional("Matlab",2,2,100,15);

assertTrue(optional.GetCapacity()==100);

}

public void testGetYear()

{

Optional optional;

optional = new Optional("Matlab",2,2,100,15);

assertTrue(optional.GetYear()==2);

}

public void testGetSemester()

{

Optional optional = new Optional("Matlab",2,2,100,15);

assertTrue(optional.GetSemester()==2);

}

public void testGetName()

{

Optional optional = new Optional("Matlab",2,2,100,15);

assertTrue("Matlab".equals(optional.GetName()));

}

public void testgetID()

{

Optional optional = new Optional("Matlab",2,2,100,15);

assertTrue(optional.getID()== 15);

}

public void invalidSemesterTest(){ //semestru>2

System.out.println("getSemester");

int semester=3;

Optional instance = new Optional ("IC",2,3,100,15);

String expResult = null;

float result = instance.GetSemester();

assertEquals(expResult,result);

}

public void invalidSemesterTest2(){ //semestru<-1

System.out.println("getSemester");

int semester=-1;

Optional instance = new Optional ("IC",2,-1,100,15);

String expResult = null;

float result = instance.GetSemester();

assertEquals(expResult,result);

}

public void invalidYearTest(){ //an>3

System.out.println("getYear");

int year=4;

Optional instance = new Optional ("IC",4,2,100,15);

String expResult = null;

float result = instance.GetYear();

assertEquals(expResult,result);

}

public void invalidYearTest2(){ //an<2

System.out.println("getYear");

int year=1;

Optional instance = new Optional ("IC",1,2,100,15);

String expResult = null;

float result = instance.GetYear();

assertEquals(expResult,result);

}

public void invalidCapacityTest2(){ //capacitate <1

System.out.println("getCapicity");

int capacity=0;

Optional instance = new Optional ("IC",1,2,0,15);

String expResult = null;

float result = instance.GetCapacity();

assertEquals(expResult,result);

}

public void testInvalidName() { //numele este null

System.out.println("getName");

Optional instance = new Optional(" ",2,2,100,13);

String expResult = null;

String result = instance.getName();

assertEquals(expResult, result);

}

public void testNullID() { //ID este null

System.out.println("getID");

Optional instance = new Optional("AG",2,2,100,0);

String expResult = null;

int result = instance.getID();

assertEquals(expResult, result);

}

private void assertEquals(String expResult, float result) {

throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

}

private void assertTrue(boolean b) {

throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

}

private void assertEquals(String expResult, String result) {

throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Templates.

}

}