import org.junit.\*;

public class TestKlasa {

@Test

public void zadatak3a(){

Rec rec = new Rec("ovojerec");

Assert.*assertEquals*(-1, rec.prebrojSlovoA());

}

@Test

public void zadatak3b(){

*//broji i malo i veliko a*

Rec rec = new Rec("ovojerecaA");

Assert.*assertEquals*(2, rec.prebrojSlovoA());

}

@Test (expected = NemaMalihSlovaException.class)

public void zadatak4a() throws NemaMalihSlovaException{

Rec rec = new Rec("BEZMALIHSLOVA");

rec.prebrojMalaSlova();

}

@Test

public void zadatak4b() throws NemaMalihSlovaException {

Rec rec = new Rec("JEDNOMALOSLOVo");

Assert.*assertEquals*(0, rec.prebrojMalaSlova());

}

@Test

public void zadatak4c() throws NemaMalihSlovaException {

Rec rec = new Rec("visemalihslova");

Assert.*assertEquals*(rec.toString().length(), rec.prebrojMalaSlova());

}

@Test

public void zadatak5a(){

Rec rec = new Rec("A");

*// moze i eksplicitno pretvaranje u integer - Assert.assertEquals((int)rec.toString().charAt(0), Rec.nadjiASCIIvrednostReci(rec.toString()));*

Assert.*assertEquals*(rec.toString().charAt(0), Rec.*nadjiASCIIvrednostReci*(rec.toString()));

}

@Test

public void zadatak5b(){

Rec rec = new Rec("ovo je neka duza recenica gde se ne moze napamet izracunati suma");

int suma=0;

for(int i=0;i<rec.toString().length();i++)

suma+=rec.toString().charAt(i);

Assert.*assertEquals*(suma, Rec.*nadjiASCIIvrednostReci*(rec.toString()));

}

@Test

public void zadatak8(){

String povratnaVrednost= Rec.*generisiRandomRec*();

Rec rec= new Rec(povratnaVrednost);

int brojac= 0;

for(int i=0;i<povratnaVrednost.length();i++)

if(povratnaVrednost.charAt(i)=='A' || povratnaVrednost.charAt(i)=='a')

brojac++;

int expected;

if(brojac==0)

expected=-1;

else

expected=brojac;

Assert.*assertEquals*(expected,rec.prebrojSlovoA());

}

@Test

public void zadatak9() throws NemaMalihSlovaException {

String povratnaVrednost= Rec.*generisiRandomRec*();

Rec rec= new Rec(povratnaVrednost);

int brojac=0;

for(int i=0;i<rec.getRec().length();i++)

if(rec.getRec().charAt(i)>='a' && rec.getRec().charAt(i)<='z')

brojac++;

if(brojac==0) {

Assert.*assertThrows*(NemaMalihSlovaException.class, ()-> rec.prebrojMalaSlova());

}

else if (brojac==1){

Assert.*assertEquals*(0,rec.prebrojMalaSlova());

}

else

Assert.*assertEquals*(brojac,rec.prebrojMalaSlova());

}

@Test

public void zadatak10(){

String povratnaVrednost= Rec.*generisiRandomRec*();

int suma=0;

for(int i=0;i<povratnaVrednost.length();i++)

suma+=povratnaVrednost.charAt(i);

Assert.*assertEquals*(suma,Rec.*nadjiASCIIvrednostReci*(povratnaVrednost));

}

}