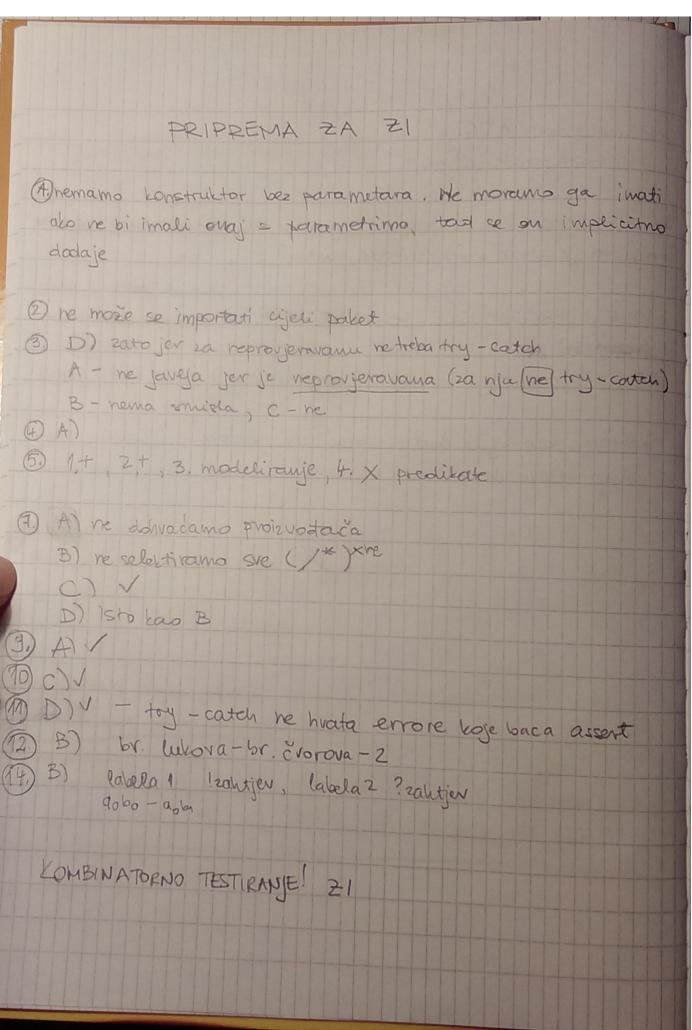
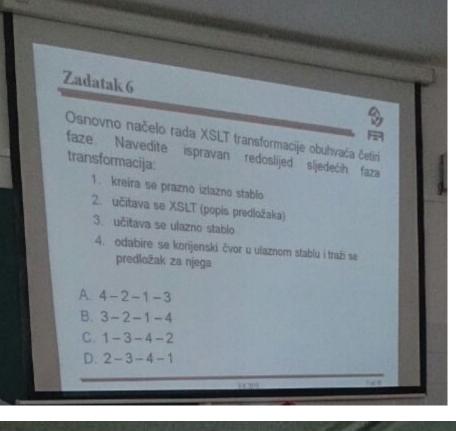
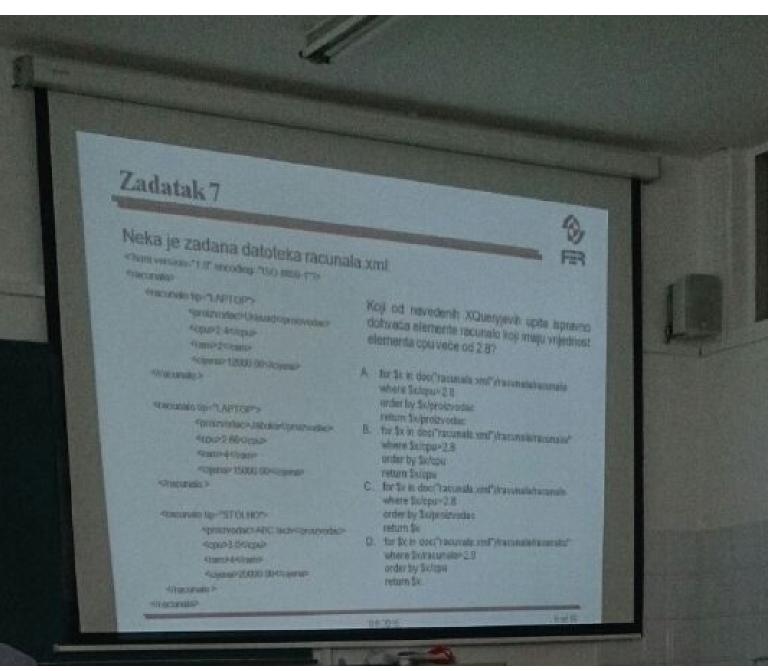
Nismo ispočetka znali da slideovi neće biti objavljeni pa smo krenuli slikat od 6. Zadatka. Na prvoj slici su rješenja.

Odgovor na 6. Je B







#### Zadenie je deloteka prodruši zni

Class addressed to second observed by the The Proposition Speciment Speciment Speciment Speciment canal evindenterage, legale a process across out through 15 was, for many higher heart (12), which brackerscopers, dr. se. Space Learner, practically menceratories, part. as, se Smer-Madhard Constitution Conductors, paul, dr. sc. Marin Toler, produces CHARLES prompositionals and propolitical parish completely (/ week fact, unity, he/premet/) cross-coldopenia spirates, dr. st. Saltan Pondants/professional

Kako izgleda iztazna datoteka, nastala primjenom XSL-a primjer xsl na podatke u datoteci predmeti xml7



Zadorni ja i daktaka primer ast the section of section 284. and only inches owners and arsaling as located of one of contractors as a section

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# S III

```
Sto će se ispisati izvršavanjem sljedećeg programskog odsječka?

public static void main (String[] arqs ) |

DifferentialCounter dcl = new DifferentialCounter():

XStream xs = new XStream();

xs.alian("diff-counter", DifferentialCounter.class);

String xml = xs.toXML(dcl);

System.out.println(xml);

DifferentialCounter dc2 = (DifferentialCounter) xs.fromXML(zml);
```

#### Klasa DifferentialCounter zadana je ovako:

```
package hr.fer.tel.ilj;
public class DifferentialCounter (
    private int cntrl;
    private int cntr2;
    public DifferentialCounter () (
        this.cntr2 = 1;
        this.cntr1 = 2;
}
```

9 6 2015

11 od 15

A <diff-counter>

<cntr1>2</cntr1>

<cntr2>1</cntr2>

</diff-counter>

B. <diff-counter>

<cntr1>

<counterState>2</counterState>

</cntr1>

<cntr2>

<counterState>1</counterState>

</cntr2>

</diff-counter>

C <hr fer tel ilj. DifferentialCounter>

<counterState>2</counterState> </critici

<cntr2>

<counterState>1</counterState>

</cntr2>

</hr>
/hr fer tel.ilj DifferentialCounter>

D <hr.fer.tel.ilj DifferentialCounter> <cntr1>2</cntr1> <cntr2>1</cntr2> </hr>
/hr fer tel.ilj DifferentialCounter>



Odredite točan redoslijed dijelova životnog ciklusa EasyMockovog lažnog objekta:

- 1. CREATE
- 2. VERIFY
- 3. REPLAY
- 4. EXPECT
- A. 1, 2, 3, 4
- B. 1, 3, 4, 2
- C. 1, 4, 3, 2
- D. Redoslijed se ne može definirati.



# Što od navedenog opisuje metodu

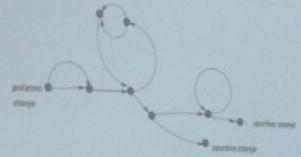
assertEquals (java.lang.String message, java.lang.Object expected, java.lang.Object actual)

- A. Vraća podatak tipa true ili false.
- B. Uspoređuje navedena tri argumenta metode.
- C. Vraća rezultat usporedbe objekata expected i actual.
- D. Ne vraća ništa (void).

#### Zadatak 12



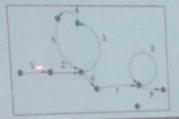
Koliko je minimalno putova potrebno testirati kako bi se ispitala svaka grana i svaki čvor programa opisanog sljedećim grafom stanja s označenim početnim i završnim

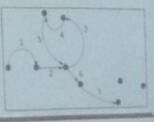


A. 1

C. 9

D. 12







Što opisuje sljedeći zapis u Floyd-Hoare logici?

P-{p{m\_dnsQuestion("www.ietf.org")}} C=...metode za dohvat IP adrese... Q={p[m\_dnsAnswer("4.31.198.44")]}

ako su oba predikata istinita, specifizira što rade metode za dohvat IP adrese

ako nisu istiniti, opisuje ponašanje metoda za neregularne slučajeve (ne smije doći do zastoja!)

sijoueci zapis u Floyd-Hoare logici? P={p[m\_dnsQuestion(\*www.letf.org\*))}

C=...metode za dohvat IP adrese...

Q={p(m dnsAnswer("4.31.196.44")}}

ako su oba predikata istinita, specificira što rade metode za

ako nisu istiniti, opisuje ponašanje metoda za neregularne slučajeve (ne smije doći do zastoja!)

Formalno:

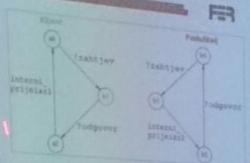
Ako je tvrdnja P točna prije izvršenja naredbe C onda je tvrdnja Q točna ili je program u blokadi!



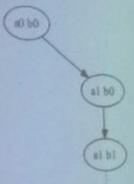
Koji od navedenih operatora su definirani samo u temporalnoj logici:

- A I, ILI
- B. UVIJEK, EVENTUALNO
- C. ZA\_SVAKI, POSTOJI
- D. NASLJEĐUJE

Na slici je prikazan klijentposlužitelj sustav, zadan kao 2 procesa koji komuniciraju razmjenom poruka (operator! označava slanje poruke, a operator? primanje poruke).



Nadopisati labele koje nedostaju na dolje prikazanom dijelu grafa interakcije sustava!



95205

te of to



Zadana je 3-SAT formula u konjuktivnoj normalnoj formi (CNF):

 $(x_{11} \text{ OR } x_{12} \text{ OR } x_{13}) \text{ AND}$  $(\mathbf{x}_{21} \ \mathrm{OR} \ \mathbf{x}_{22} \ \mathrm{OR} \ \mathbf{x}_{23}) \ \mathrm{AND}$ (1 OR 0 OR 0)

Pridjeliti vrijednosti varijabli x<sub>11</sub>, ..., x<sub>23</sub> tako da sustav bude

auana je 3-SAT formula u konjuktivnoj normalnoj formi (CNF):

(x11 OR x12 OR x13) AND (x21 OR x22 OR x23) AND (1 OR 0 OR 0)

Pridjeliti vrijednosti varijabli x<sub>11</sub>, ..., x<sub>23</sub> tako da sustav bude zadovoljiv (SAT - satisfiable)!

#### primjer rješenja:

$$x_{11}=1$$
,  $x_{12}=0$ ,  $x_{13}=0$ ,  $x_{21}=1$ ,  $x_{22}=0$ ,  $x_{23}=0$ 

#### provjera:

(1 OR 0 OR 0) AND (1 OR 0 OR 0) AND (1 OR 0 OR 0) = 1 V