

# Pitanja o pitanjima (u moodle 2.3)

Ivana Bosnić

Fakultet elektrotehnike i računarstva & HrOpen, Zagreb



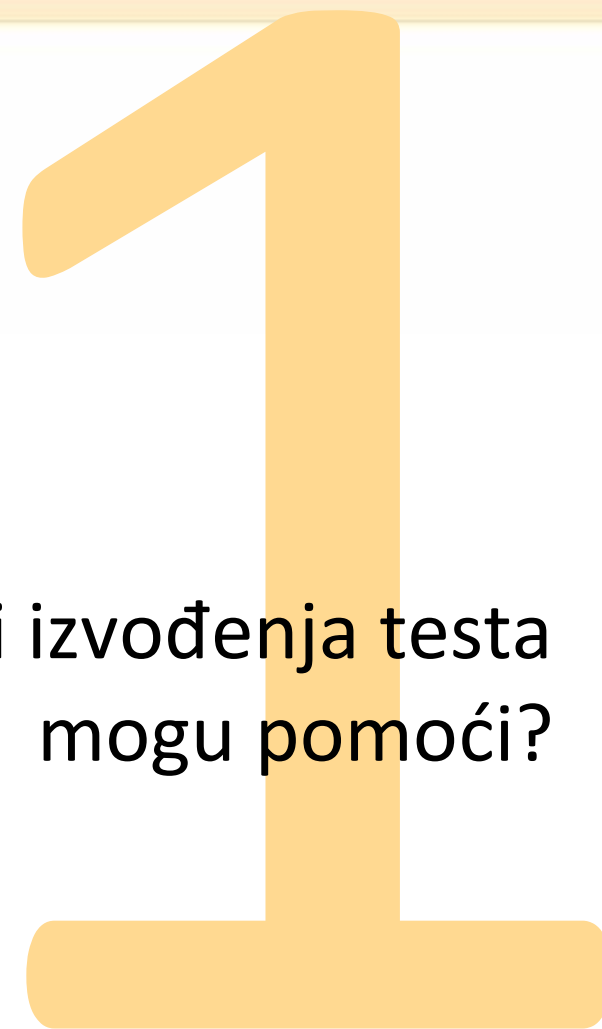
Pitanja o pitanjima...

...OK, i o testovima...





Q & A 😊






Kako mi oblici izvođenja testa  
mogu pomoći?



# Karakteristike pitanja

- Adaptive mode 
  - S kaznenim bodovima
  - Bez kaznenih bodova
- Deferred feedback  Certainty-based marking
- Immediate feedback 
  - S CBM
  - Bez CBM
- Interactive mode with multiple tries 
  - Hints!
- Manual grading

# Karakteristike pitanja

- Adaptive mode 
  - S kaznenim bodovima
  - Bez kaznenih bodova
- Deferred feedback  Certainty-based marking
- Immediate feedback
  - S CBM
  - Bez CBM
- Interactive mode with multiple tries 
  - Hints!
- Manual grading

Prijevod?

Ponovno započni Pohrani Unesi točne odgovore Predajte i završite Zatvori pregled

## Tehničke informacije ▼

Korištena karakteristika pitanja:

Najmanji dio: 0

Sažetak pitanja: Što mislite?: krivo; Odabir za 50%; Odabir za 25%; Odabir za 25%

Sažetak točnog odgovora: Odabir za 50%; Odabir za 25%; Odabir za 25%

Stanje pitanja: todo

Ponovno započni

Pohrani

Unesi točne odgovore

Predajte i završite

Zatvori pregled

## Promijeni opcije

Karakteristike  
pitanja ?

Višestruki pokušaji odgovaranja na pitanje

Broj bodova od

1

Je li točno

Prikazano

Bodovi

Prikaži ostvareni i maksimalni broj bodova

Decimalna mjesta  
u ocjenama

2

Specifična  
povratna  
informacija

Prikazano

Općenita povratna  
informacija

Nije prikazano

Točan odgovor

Nije prikazano

Povijest odgovora

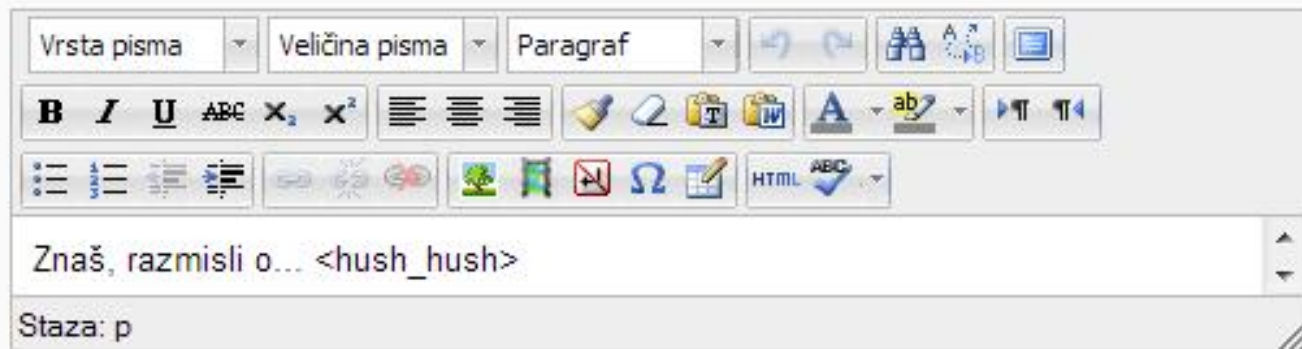
Nije prikazano

Ponovno započni s ovim opcijama

# Savjeti (*hints*)

## Savjet 1

Tekst savjeta



The image shows a screenshot of a rich text editor interface. At the top, there is a toolbar with various icons for text formatting, including font type, size, paragraph style, bold, italic, underline, text color, background color, bulleted list, numbered list, link, unlink, insert table, insert image, insert video, insert audio, insert code, and source code. Below the toolbar is a text area containing the text "Znaš, razmisli o... <hush\_hush>". Below the text area is a status bar showing "Staza: p".

- Opcije
- Obriši netočne odgovore
  - Prikaži broj točnih odgovora



# Savjeti (*hints*)

## Pregled pitanja: Pitanje

### Pitanje 1

Nije dovršeno

Broj bodova od  
1,00

Što mislite?

Odaberite jedan ili više odgovora:

- a. krivo
- b. Odabir za 50%
- c. Odabir za 25%
- d. Odabir za 25%

Provjeri

Broj točnih odgovora: 0

Znaš, razmisli o... <hush\_hush>

Pokušajte ponovno

## *Certainty-based marking (CBM)*

<b>Koliko ste sigurni?</b>	<b>Točno</b>	<b>Netočno</b>
Ne previše, <67%	0,33	0
Prilično, 67 – 80%	0,67	-0,67
Jako, >80%	1	-2 😊

# *Certainty-based marking (CBM)*

Što mislite?

Odaberite jedan ili više odgovora:

a. Odabir za 25%

b. Odabir za 25%

c. krivo **X**

d. Odabir za 50%

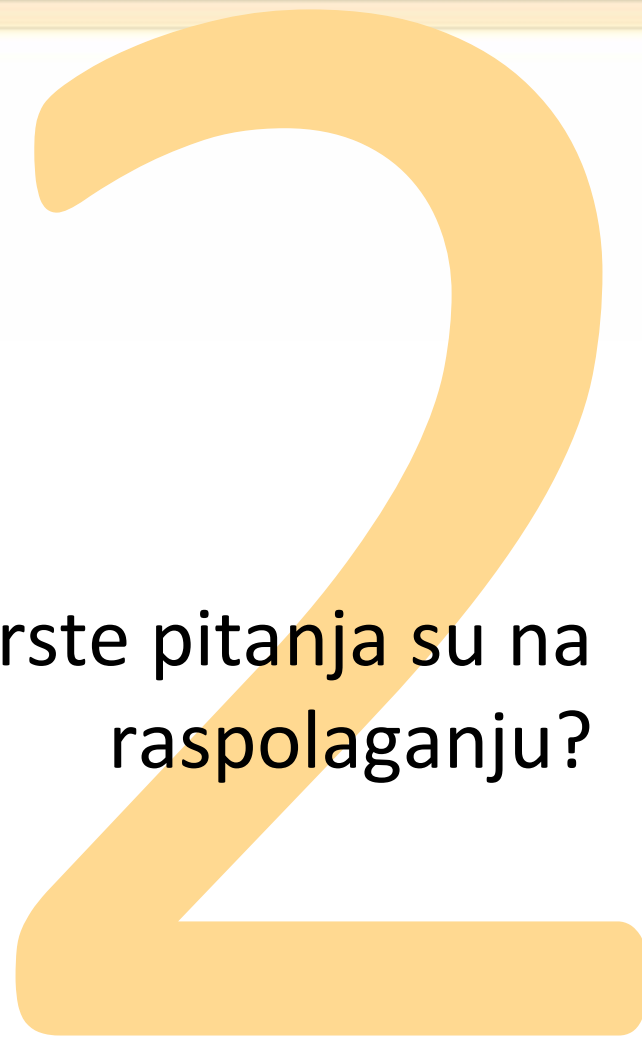
Koliko ste sigurni?  Ne previše (manje od 67%)  Prilično (više od 67%)  Jako (više od 80%)

Prema sigurnosti u odgovor koju ste odabrali, broj bodova 0,00 je preračunat u -2,00.

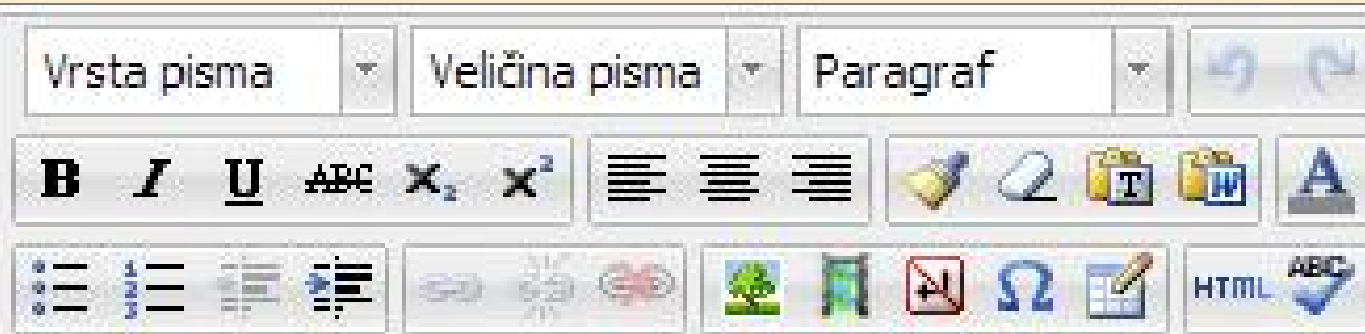


**The Open  
University**

Koje dodatne vrste pitanja su na raspolaganju?



# Select missing words



Kada u šumi [[1]] susretne [[4]], nastaju problemi...

# Select missing words

Vrsta pisma ▾ Veličina pisma ▾ Paragraf ▾ ↶ ↷

**B** *I* U ABC  $x_2$   $x^2$  [List Icon] [List Icon] [List Icon] [Eraser] [Eraser] [Text] [Text] [Text]

[List Icon] [List Icon] [List Icon] [List Icon] [Link] [Link] [Link]

Kada u šumi [[1]] susretr

Shuffle

Choice 1	<input type="text" value="vuk"/>	Group	1 ▾
Choice 2	<input type="text" value="lovac"/>	Group	1 ▾
Choice 3	<input type="text" value="princ"/>	Group	1 ▾
Choice 4	<input type="text" value="Crvenkpicu"/>	Group	2 ▾
Choice 5	<input type="text" value="Pepeljugu"/>	Group	2 ▾
Choice 6	<input type="text" value="Trnoružicu"/>	Group	2 ▾

# Select missing words

Vrsta pisma    Veličina pisma    Paragraf

**B**   *I*   U   ABC    $x_2$     $x^2$    [List Icons]   [Image Icons]   [Table Icon]   [Text Icon]

Kada u šumi [[1]] susretr

Shuffle

Choice 1	vuk	Group	1
Choice 2	lovac	Group	1
Choice 3	princ	Group	1
Choice 4	Crvenkapicu	Group	2
Choice 5			

Kada u šumi Choose... susretne Choose... , nastaju problemi...

Start again   Save   t responses   Submit and finish   Close preview

Choose...  
vuk  
princ  
lovac

# Pattern match

```
Answer match_any (  
    match_mow (voda gust|najgušć* 4 stupnja|C)  
    match_ow (gust|najgušć* 4 stupnja|C)  
    match_m (na 4 stupnja|C)  
)
```

Word	<input type="text" value="stupnja"/>	Synonyms	<input type="text" value="stepen*"/>
------	--------------------------------------	----------	--------------------------------------

Word	<input type="text"/>	Synonyms	<input type="text"/>
------	----------------------	----------	----------------------

Word	<input type="text"/>	Synonyms	<input type="text"/>
------	----------------------	----------	----------------------



# Pattern match

```
Answer match_any (  
  match_mow (voda gust|najgušć* 4 stupnja|C)  
  match_ow (gust|najgušć* 4 stupnja|C)  
  match_m (na 4 stupnja|C)  
)
```

Kada je voda najgušća?

na 4 stupnja

Answer:



Check

# Pattern match

```
Answer match_any (  
    match_mow (voda gust|najgušć* 4 stupnja|C)  
    match_ow (gust|najgušć* 4 stupnja|C)  
    match_m (na 4 stupnja|C)  
)
```

Kada je voda najgušća?

Answer:  ✓

Answer:  ✗

# Pattern match

```
Answer match_any (  
  match_mow (voda gust|najgušć* 4 stupnja|C)  
  match_ow (gust|najgušć* 4 stupnja|C)  
  match_m (na 4 stupnja|C)  
)
```

Kada je voda najgušća?

Answer:  ✓

Answer:  ✗

Answer:  ✓

# Pattern match

```
Answer match_any (  
    match_mow (voda gust|najgušć* 4 stupnja|C)  
    match_ow (gust|najgušć* 4 stupnja|C)  
    match_m (na 4 stupnja|C)  
)
```

Kada je voda najgušća?

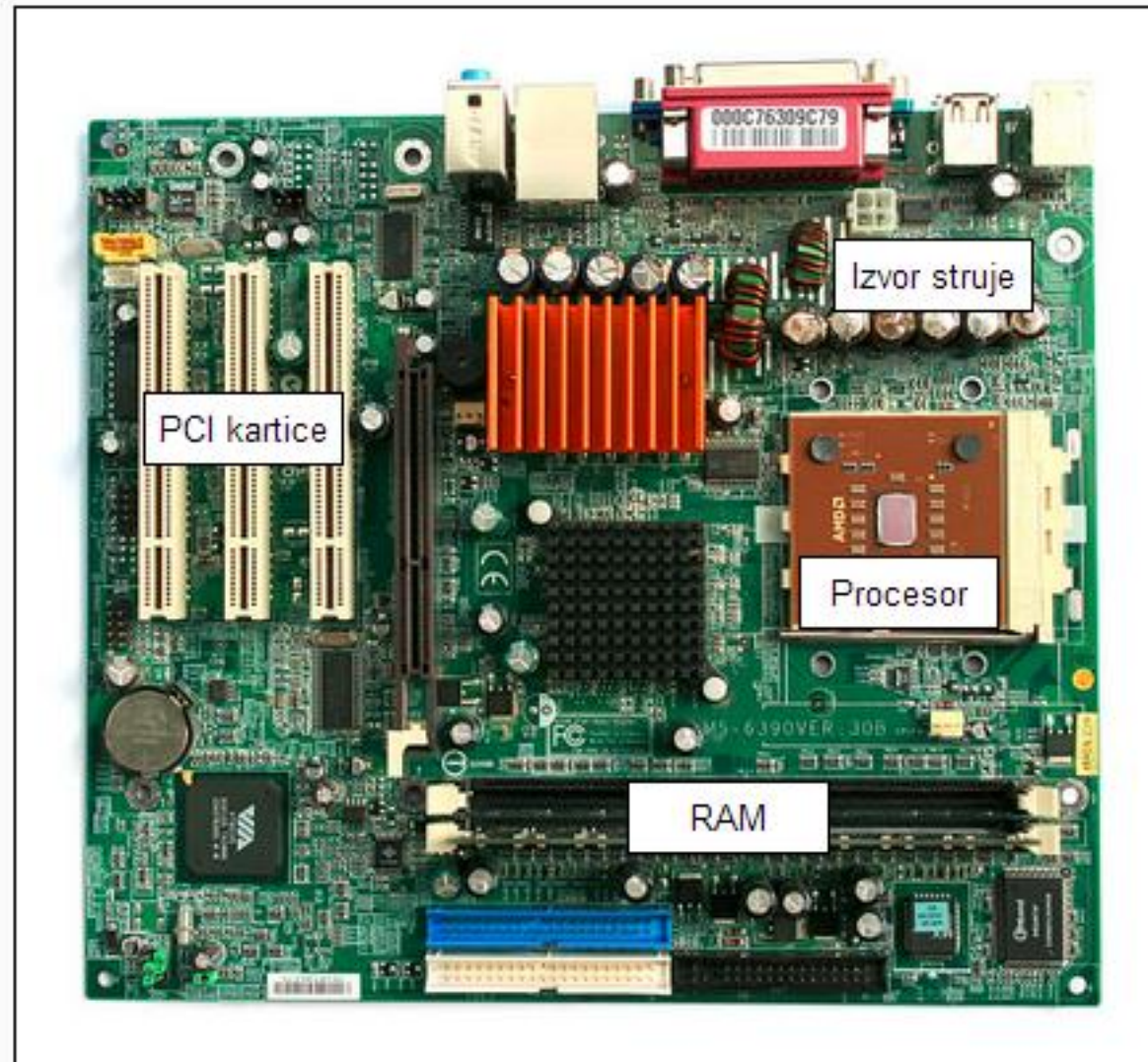
Answer:  ✓

Answer:  ✗

Answer:  ✓


Pattern  
match -  
upute

# *Drag and drop onto images*



# Drag and drop onto images

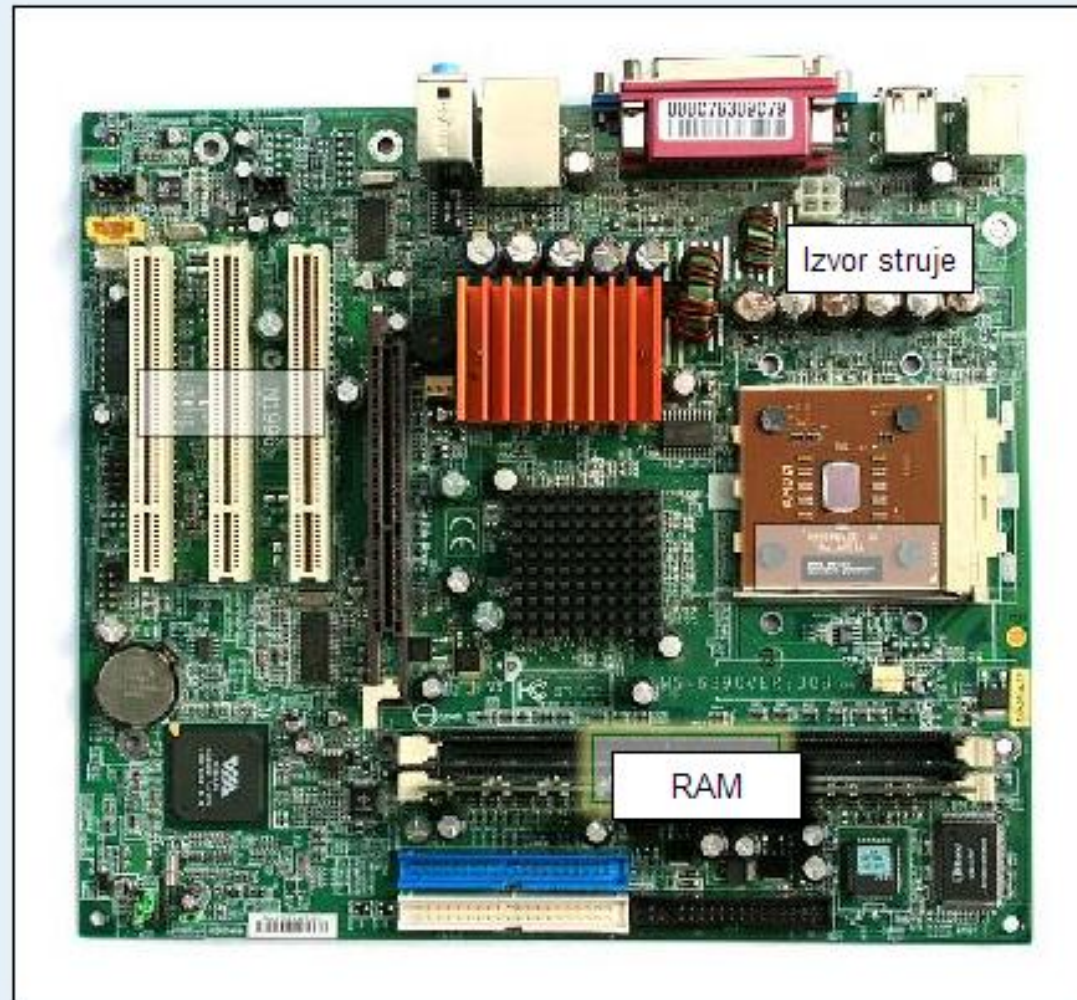
Background image



[motherboard.jpg](#) - You can drag and drop files here to add

Drop zone 1	Left	<input type="text" value="310"/>	Top	<input type="text" value="87"/>	Draggable item	<input type="text" value="1. Izvor struje"/>	<input type="text" value="▼"/>	Text	<input type="text"/>
Drop zone 2	Left	<input type="text" value="232"/>	Top	<input type="text" value="292"/>	Draggable item	<input type="text" value="2. RAM"/>	<input type="text" value="▼"/>	Text	<input type="text"/>
Drop zone 3	Left	<input type="text" value="49"/>	Top	<input type="text" value="145"/>	Draggable item	<input type="text" value="3. PCI kartice"/>	<input type="text" value="▼"/>	Text	<input type="text"/>
Drop zone 4	Left	<input type="text" value="297"/>	Top	<input type="text" value="207"/>	Draggable item	<input type="text" value="4. Procesor"/>	<input type="text" value="▼"/>	Text	<input type="text"/>
Drop zone 5	Left	<input type="text"/>	Top	<input type="text"/>	Draggable item	<input type="text"/>	<input type="text" value="▼"/>	Text	<input type="text"/>
Drop zone 6	Left	<input type="text"/>	Top	<input type="text"/>	Draggable item	<input type="text"/>	<input type="text" value="▼"/>	Text	<input type="text"/>

# *Drag and drop onto images*

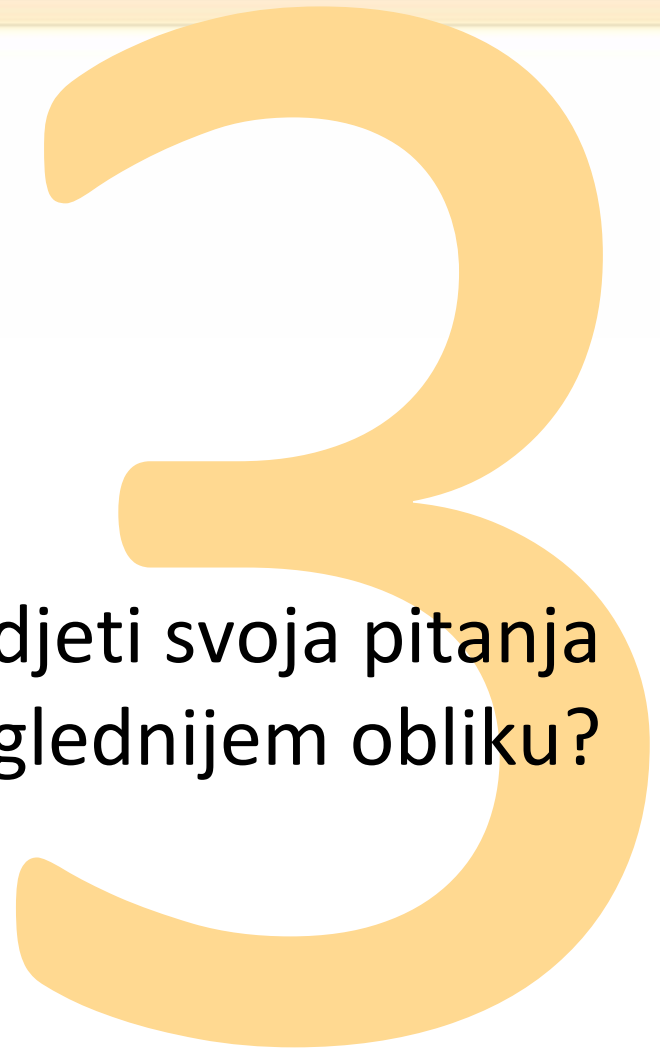


PCI kartice

Procesor



Kako mogu vidjeti svoja pitanja  
u preglednijem obliku?



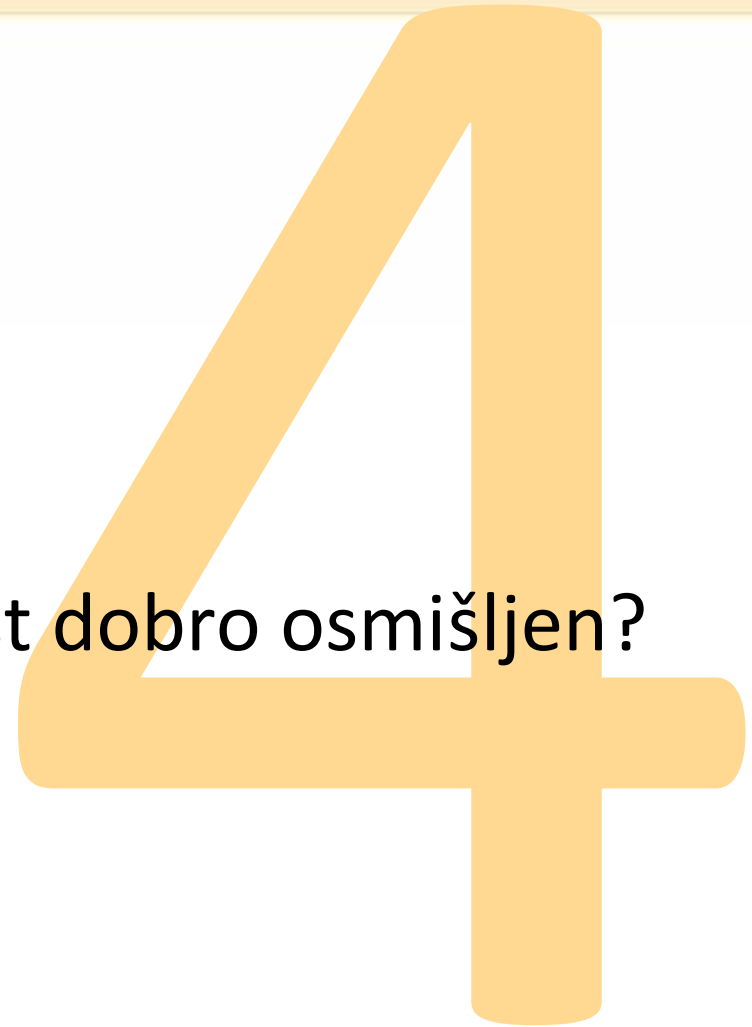


# Export/import 😊

- Moodle2Word
  - [moodle2word.net](http://moodle2word.net)
- Moodle XML Converter
  - [VLEtools.com](http://VLEtools.com)
- Staro 😊
  - Različiti alati i predlošci za format GIFT
    - OpenOffice.org Writer
    - MS Excel...
- Imate neku ideju?



Kako znati je li test dobro osmišljen?



# Statistike testa

- Cijela mala znanost! 😊
- The Open University kaže:

- Prosječna ocjena: 50 – 70%

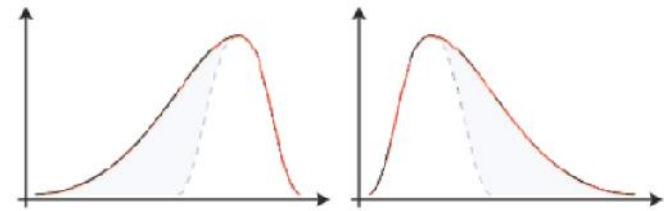
- Standardna devijacija: 12 – 18%

- Koeficijent asimetrije (*skewness*): prema -1.0

- Koeficijent spljoštenosti: 0 – 1

- Koeficijent interne konzistencije (*CIC*)

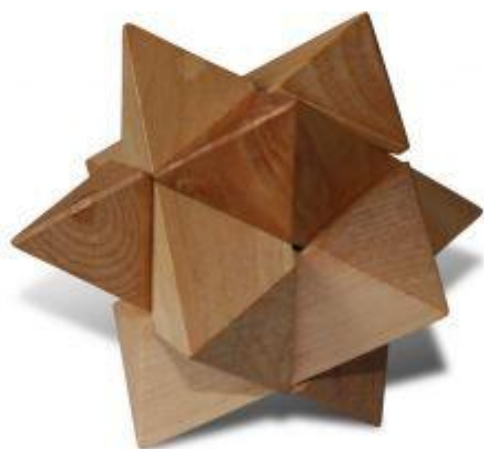
- Omjer pogreške



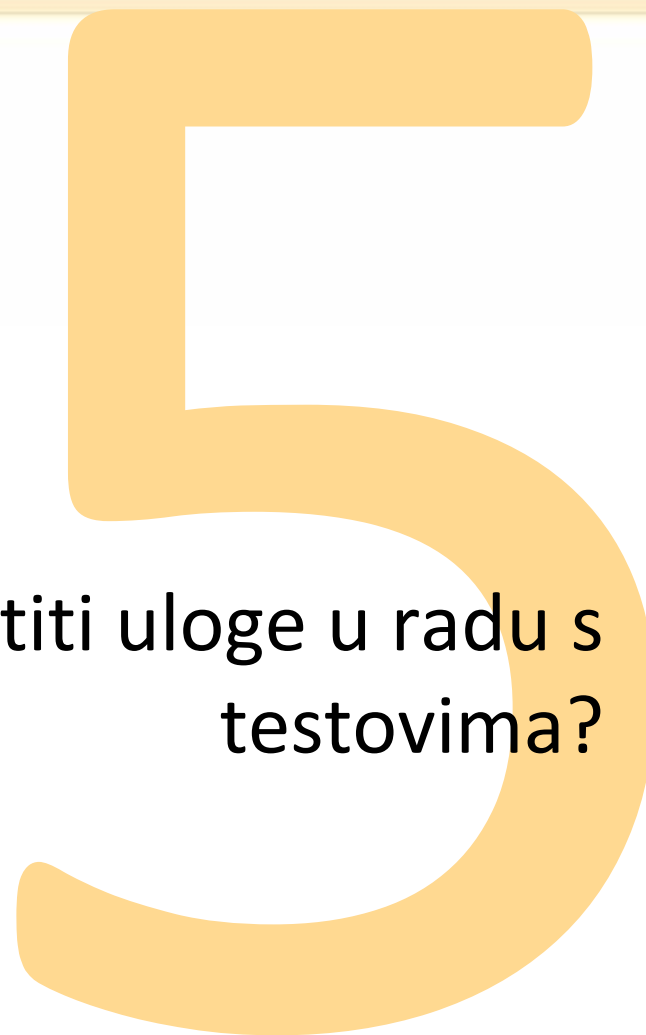
# Statistike pitanja

- The Open University kaže i ovo:
  - *Facility index*
  - Standardna devijacija
  - *Random guess score* - <40 %
  - *Discrimination index*: 30 – 50 i više
  - *Discrimination efficiency*: 50 – 70 %

[A brief guide to the iCMA statistics](#)



Kako koristiti uloge u radu s  
testovima?



- Ovo vam možda treba.... 😊
  - Mogu li poslati potvrdu pisanja testa mailom?
    - Da!
    - Dodavanje *quiz:emailconfirmsubmission* ovlasti
- A ovo?
  - Mogu li imati vremenski limit po pitanjima?
    - Ponekad bi dobro došlo...
    - Ali je odgovor “Ne!” :-/

- Ovo već znate.... 😊

- Mogu li polaznici predlagati pitanja?

- Da!
    - Izrada nove uloge, s pravom question:add i još pokojim

- Mogu li dijeliti pitanja među predmetima?

- Da!
    - Izrada nove uloge, s pravima question:editall, managecategory, i još pokojim

- A ovo?

- Mogu li pojedinom polazniku produjiti test?

- Mogu li grupama produjiti test?

- Uloge nisu potrebne 😊

- “user override”

- “override group”





# Override user

Override user\*

Search

Ja Student, fjsdkl@fds.com

Require password ?

Unmask

Open the quiz

November

2012

21

05

Enable

Close the quiz

November

2012

21

05

Enable

Time limit ?

20

minutes

Enable

Attempts allowed

Revert to quiz defaults

# Za one koji žele znati više...

- Quiz FAQ
  - [http://docs.moodle.org/23/en/Quiz\\_FAQ](http://docs.moodle.org/23/en/Quiz_FAQ)
- How to let teachers share questions between courses?
  - [http://docs.moodle.org/23/en/How\\_to\\_let\\_teachers\\_share\\_questions\\_between\\_courses](http://docs.moodle.org/23/en/How_to_let_teachers_share_questions_between_courses)
- Question creator role
  - [http://docs.moodle.org/23/en/Question\\_creator\\_role](http://docs.moodle.org/23/en/Question_creator_role)
- A brief guide to the iCMA statistics
  - [http://labspace.open.ac.uk/file.php/3484/Brief\\_Guide\\_to\\_iCMA\\_reports.pdf](http://labspace.open.ac.uk/file.php/3484/Brief_Guide_to_iCMA_reports.pdf)
- eAssessment at the Open University with open source software
  - <http://labspace.open.ac.uk/course/view.php?id=3484>



**Hvala!**

<http://moodle.org>  
[ivana.bosnic@fer.hr](mailto:ivana.bosnic@fer.hr)  
[www.slideshare.net/ibosnic](http://www.slideshare.net/ibosnic)