

6.

Upravljanje bazama podataka

❑ OPERACIJE - UPITI

Osnova SQL-a je upitni blok oblika:

```
SELECT <lista atributa> FROM <lista relacija>  
WHERE <kvalifikacioni izraz>;
```

<lista atributa>

Spisak naziva svih kolona iz navedenih relacija (tabela) u <lista relacija>

<lista relacija>

Spisak relacija (tabela) u iz kojih se uzimaju podaci iz navedenih kolona u <lista atributa>

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Upravljanje bazama podataka

□ OPERACIJE - UPITI

<kvalifikacioni izraz >

Izraz kojima se prikazuju željeni podaci iz izabраниh tabela (relacija).

Ukoliko se ne navede, odnosno, ukoliko se izostavi klauzula **WHERE** <kvalifikacioni izraz> prikazuju se **SVI PODACI**.

Klauzule **SELECT** i **FROM** su **OBAVEZNE**, dok **WHERE** nije.

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Upravljanje bazama podataka

□ SELECT

```
SELECT kolona1, kolona2, ... FROM naziv_tabele;
```

Da se podsetimo izraza za kreiranje tabele *student*:

```
CREATE TABLE student  
(indeks VARCHAR(8) NOT NULL,  
  ime VARCHAR(15) NOT NULL,  
  prezime VARCHAR(15) NOT NULL);
```

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Upravljanje bazama podataka

□ SELECT

U Visual FoxPro – u

Prvo se kreira baza podataka (STUDENTI):

```
CREATE DATABASE BP\studenti;
```

Naziv baze podataka

Podfolder gde se čuva baza podataka

Da bi se kreirala tabele u željenoj bazi podataka, prvo mora da se otvori baza podataka:

```
OPEN DATABASE studenti
```

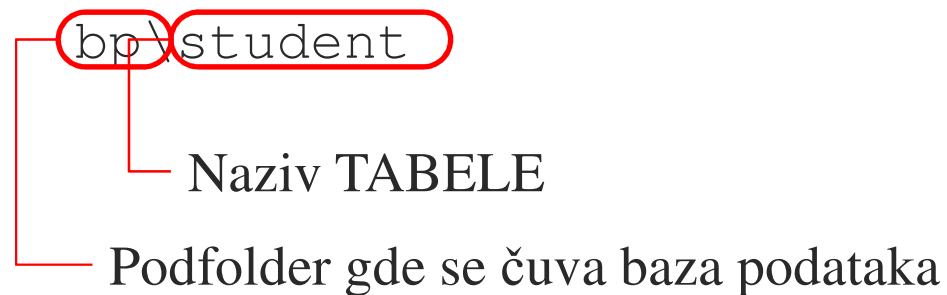
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Upravljanje bazama podataka

□ SELECT

Zatim se kreira tabela (tabele):

```
CREATE TABLE bp\student;  
(indeks C(8) NOT NULL,  
ime C(15) NOT NULL,  
prezime C(15) NOT NULL)
```



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Upravljanje bazama podataka

□ SELECT

SELECT kolona1, kolona2, ... **FROM** naziv_tabele

SELECT indeks, ime, prezime **FROM** naziv_tabele

SELECT * **FROM** student;

* Ako se prikazuju sve kolone iz navedene tabele – ne moraju da se navode nazivi kolona.

Indeks	Ime	Prezime
001/2019	MARKO	MLADENOVIC
008/2019	NENAD	VRACAREVIC
015/2019	LUKA	MILJAKOVIC
017/2019	MARKO	ADZIC
018/2019	ALEKSA	RAKIC
024/2019	NEMANJA	CURCIC
029/2019	NENAD	MIHAJLOVIC
038/2019	SRECKO	AGATONOVIC
047/2019	KATARINA	MARKOVIC
051/2019	VELJKO	SPASOJEVIC
053/2019	ANDJELA	ALEMPIJEVIC
068/2019	VELJKO	STRBANOVIC
073/2019	DUSAN	NEDELJKOVIC
125/2019	NEMANJA	ZDRAVIC
134/2019	ANDRIJA	TOŠKOVIC
136/2019	FILIP	BLAGOJEVIC
139/2019	UROŠ	STOJANOVIC
002/2019	SRECKO	VUKADINOVIC
003/2019	MILAN	NESTOROVIC
005/2019	OGNJEN	NESTOROVIC
007/2019	JOVAN	SAVOVIC
009/2019	SASA	SAVKOVIC
010/2019	VELJKO	KOSTOVIC
011/2019	MIHAJLO	MILOŠEVIC
013/2019	NEVENA	DRAGICEVIC
014/2019	SERGEJ	CURAKOVIC
016/2019	NIKOLA	NIKOLIC
020/2019	TOMISLAV	ILIC
021/2019	MLADEN	OBRADOVIC
022/2019	DANIJEL	FILIMONOVIC
023/2019	MARKO	STOJNIC
025/2019	FILIP	NICIC
026/2019	JELENA	ANDREJIC
028/2019	MILOŠ	STEVANCEVIC

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Upravljanje bazama podataka

❑ SELECT DISTINCT

SELECT DISTINCT klauzula se koristi samo za prikazivanje različitih (distinct) vrednosti.

Unutar tabele, kolone mogu da sadrže više dupliranih vrednosti (kolone koje nisu primarni ključ).

Indeks	Ime	Prezime
001/2019	MARKO	MLADENOVIC
008/2019	NENAD	VRACAREVIC
015/2019	LUKA	MILJAKOVIC
017/2019	MARKO	ADZIC
018/2019	ALEKSA	RAKIC
024/2019	NEMANJA	CURCIC
029/2019	NENAD	MIHAJLOVIC
038/2019	SRECKO	AGATONOVIC
047/2019	KATARINA	MARKOVIC
051/2019	VELJKO	SPASOJEVIC
053/2019	ANDJELA	ALEMPIJEVIC
068/2019	VELJKO	STRBANOVIC
073/2019	DUSAN	NEDELJKOVIC
125/2019	NEMANJA	ZDRAVIC
134/2019	ANDRIJA	TOŠKOVIC
136/2019	FILIP	BLAGOJEVIC
139/2019	UROŠ	STOJANOVIC
002/2019	SRECKO	VUKADINOVIC
003/2019	MILAN	NESTOROVIC
005/2019	OGNJEN	NESTOROVIC
007/2019	JOVAN	SAVOVIC
009/2019	SASA	SAVKOVIC
010/2019	VELJKO	KOSTOVIC
011/2019	MIHAJLO	MILOŠEVIC
013/2019	NEVENA	DRAGICEVIC
014/2019	SERGEJ	CURAKOVIC
016/2019	NIKOLA	NIKOLIC
020/2019	TOMISLAV	ILIC
021/2019	MLADEN	OBRADOVIC
022/2019	DANIJEL	FILIMONOVIC
023/2019	MARKO	STOJNIC
025/2019	FILIP	NICIC
026/2019	JELENA	ANDREJIC
028/2019	MILOŠ	STEVANCEVIC

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Upravljanje bazama podataka

❑ SELECT DISTINCT

```
SELECT DISTINCT <kolona1>, <kolona2>,
... FROM <ime_tabele>.
```

```
SELECT ime FROM student;
```

```
SELECT DISTINCT ime FROM student;
```

The image shows two overlapping windows from a database application. The top window, titled 'Query', displays a table with one column 'Ime' containing a list of names: MARKO, NENAD, LUKA, MARKO, ALEKSA, NEMANJA, NENAD, SRECKO, KATARINA, VELJKO, ANDJELA, VELJKO, DUSAN, NEMANJA, ANDRIJA, FILIP, UROŠ, SRECKO, MILAN, OGNJEN, JOVAN, SASA, VELJKO, MIHAJLO, NEVENA, SERGEJ, NIKOLA, TOMISLAV, MLADEN, DANIJEL, MARKO, FILIP, JELENA, MILOŠ. The name 'MARKO' is highlighted in blue. The bottom window, also titled 'Query', displays a table with two columns: 'Ime' and 'Prezime'. It shows a list of names and surnames: MARKO MLADENOVIC, NAD VRACAREVIC, KA MILJAKOVIC, and ALEKSA. The name 'ALEKSA' is highlighted in blue.

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Upravljanje bazama podataka

❑ SELECT DISTINCT

```
SELECT ime FROM student;
```

Ime
ALEKSA
ANDJELA
ANDRIJA
DANIJEL
DUSAN
FILIP
JELENA
JOVAN
KATARINA
LUKA
MARKO
MIHAJLO
MILAN
MILOŠ
MLADEN
NEMANJA
NENAD
NEVENA
NIKOLA
OGNJEN
SASA
SERGEJ
SRECKO
TOMISLAV
UROŠ
VELJKO

Indeks	Ime	Prezime
001/2019	MARKO	MLADENOVIC
008/2019	NENAD	VRACAREVIC
015/2019	LUKA	MILJAKOVIC
017/2019	MARKO	ADZIC
018/2019	ALEKSA	RAKIC
024/2019	NEMANJA	CURCIC
029/2019	NENAD	MIHAJLOVIC
038/2019	SRECKO	AGATONOVIC
047/2019	KATARINA	MARKOVIC
051/2019	VELJKO	SPASOJEVIC
053/2019	ANDJELA	ALEMPIJEVIC
068/2019	VELJKO	STRBANOVIC
073/2019	DUSAN	NEDELJKOVIC
125/2019	NEMANJA	ZDRAVIC
134/2019	ANDRIJA	TOŠKOVIC
136/2019	FILIP	BLAGOJEVIC
139/2019	UROŠ	STOJANOVIC
002/2019	SRECKO	VUKADINOVIC
003/2019	MILAN	NESTOROVIC
005/2019	OGNJEN	NESTOROVIC
007/2019	JOVAN	SAVOVIC
009/2019	SASA	SAVKOVIC
010/2019	VELJKO	KOSTOVIC
011/2019	MIHAJLO	MILOŠEVIC
013/2019	NEVENA	DRAGICEVIC
014/2019	SERGEJ	CURAKOVIC
016/2019	NIKOLA	NIKOLIC
020/2019	TOMISLAV	ILIC
021/2019	MLADEN	OBRADOVIC
022/2019	DANIJEL	FILMONOVIC
023/2019	MARKO	STOJNIC
025/2019	FILIP	NICIC
026/2019	JELENA	ANDREJIC
028/2019	MILOŠ	STEVANCEVIC

6.

Upravljanje bazama podataka

❑ SELECT DISTINCT

```
SELECT ime FROM student;
```

Ime
MARKO
NENAD
LUKA
MARKO
ALEKSA
NEMANJA
NENAD
SRECKO
KATARINA
VELJKO
ANDJELA
VELJKO
DUSAN
NEMANJA
ANDRIJA
FILIP
UROŠ
SRECKO
MILAN
OGNJEN
JOVAN
SASA
VELJKO
MIHAJLO
NEVENA
SERGEJ
NIKOLA
TOMISLAV
MLADEN
DANIJEL
MARKO
FILIP
JELENA
MILOŠ

Indeks	Ime	Prezime
001/2019	MARKO	MLADENOVIC
008/2019	NENAD	VRACAREVIC
015/2019	LUKA	MILJAKOVIC
017/2019	MARKO	ADZIC
018/2019	ALEKSA	RAKIC
024/2019	NEMANJA	CURCIC
029/2019	NENAD	MIHAJLOVIC
038/2019	SRECKO	AGATONOVIC
047/2019	KATARINA	MARKOVIC
051/2019	VELJKO	SPASOJEVIC
053/2019	ANDJELA	ALEMPIJEVIC
068/2019	VELJKO	STRBANOVIC
073/2019	DUSAN	NEDELJKOVIC
125/2019	NEMANJA	ZDRAVIC
134/2019	ANDRIJA	TOSKOVIC
136/2019	FILIP	BLAGOJEVIC
139/2019	UROŠ	STOJANOVIC
002/2019	SRECKO	VUKADINOVIC
003/2019	MILAN	NESTOROVIC
005/2019	OGNJEN	NESTOROVIC
007/2019	JOVAN	SAVOVIC
009/2019	SASA	SAVKOVIC
010/2019	VELJKO	KOSTOVIC
011/2019	MIHAJLO	MILOŠEVIC
013/2019	NEVENA	DRAGICEVIC
014/2019	SERGEJ	CURAKOVIC
016/2019	NIKOLA	NIKOLIC
020/2019	TOMISLAV	ILIC
021/2019	MLADEN	OBRADOVIC
022/2019	DANIJEL	FILMONOVIC
023/2019	MARKO	STOJNIC
025/2019	FILIP	NICIC
026/2019	JELENA	ANDREJIC
028/2019	MILOŠ	STEVANCEVIC

6.

Upravljanje bazama podataka

□ SQL WHERE kluzula

```
SELECT kolona1, kolona2, ... FROM naziv_tabele WHERE uslov;
```

Prikazuju se samo vrednosti iz navedenih kolona, ako je ispunjen uslov naveden iza **WHERE**.

U uslov može, a ne mora, da bude navedena kolona iz spiska kolona: kolona1, kolona2, ...

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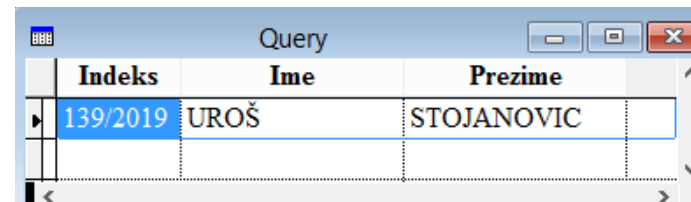
Upravljanje bazama podataka

□ SQL WHERE kluzula

Primer:

Prikazati sve studente koji se prezivaju STOJANOVIC .

```
SELECT * FROM student WHERE prezime='STOJANOVIC';
```



The screenshot shows a window titled "Query" with a table of results. The table has three columns: "Indeks", "Ime", and "Prezime". The first row is highlighted in blue and contains the values "139/2019", "UROŠ", and "STOJANOVIC".

Indeks	Ime	Prezime
139/2019	UROŠ	STOJANOVIC

6.

Upravljanje bazama podataka

□ SQL AND, OR i NOT operatori

AND, OR i NOT operatori se primenjuju u definisanju uslova kod klauzule **WHERE**.

```
SELECT kolona1, kolona2, ...  
FROM ime tabele  
WHERE uslov1 AND uslov2 AND uslov3...;
```

```
SELECT kolona1, kolona2, ...  
FROM ime tabele  
WHERE uslov1 OR uslov2 OR uslov3...;
```

```
SELECT kolona1, kolona2, ...  
FROM ime tabele  
WHERE (NOT uslov1 OR uslov2) AND NOT uslov3...;
```

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Upravljanje bazama podataka

□ SQL AND, OR i NOT operatori

Operator	Опис		
AND	Upoređuje <i>logičke</i> vrednosti i vraća „ <i>true</i> “ ukoliko su samo obe vrednosti „ <i>true</i> “. U suprotnom vraća „ <i>false</i> “.		
	A	B	A AND B
	<i>true</i>	<i>true</i>	<i>true</i>
	<i>true</i>	<i>false</i>	<i>false</i>
	<i>false</i>	<i>true</i>	<i>false</i>
	<i>false</i>	<i>false</i>	<i>false</i>

6.

Upravljanje bazama podataka

□ SQL AND, OR i NOT operatori

Operator	Опис		
OR	Upoređuje <i>logičke</i> vrednosti i vraća „ <i>true</i> “ ukoliko je bar jedna od vrednosti „ <i>true</i> “. U suprotnom vraća „ <i>false</i> “.		
	A	B	A OR B
	<i>true</i>	<i>true</i>	<i>true</i>
	<i>true</i>	<i>false</i>	<i>true</i>
	<i>false</i>	<i>true</i>	<i>true</i>
	<i>false</i>	<i>false</i>	<i>false</i>

6.

Upravljanje bazama podataka

- ❑ SQL AND, OR i NOT operatori

Operator	Опис	
<i>NOT</i>	Menja <i>logičku</i> vrednost.	
	A	NOT A
	<i>true</i>	<i>false</i>
	<i>false</i>	<i>true</i>

6.

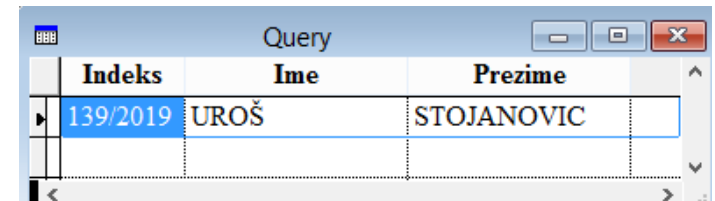
Upravljanje bazama podataka

❑ SQL WHERE kluzula

Primer:

Prikazati sve studente koji se prezivaju STOJANOVIC i zovu se UROŠ.

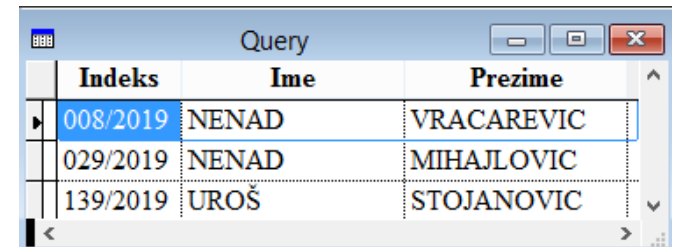
```
SELECT * FROM student WHERE prezime='STOJANOVIC' AND ime='UROŠ';
```



Indeks	Ime	Prezime
139/2019	UROŠ	STOJANOVIC

Prikazati sve studente koji se prezivaju STOJANOVIC ili se zovu NENAD.

```
SELECT * FROM student WHERE prezime='STOJANOVIC' OR ime='NENAD';
```



Indeks	Ime	Prezime
008/2019	NENAD	VRACAREVIC
029/2019	NENAD	MIHAJLOVIC
139/2019	UROŠ	STOJANOVIC

6.

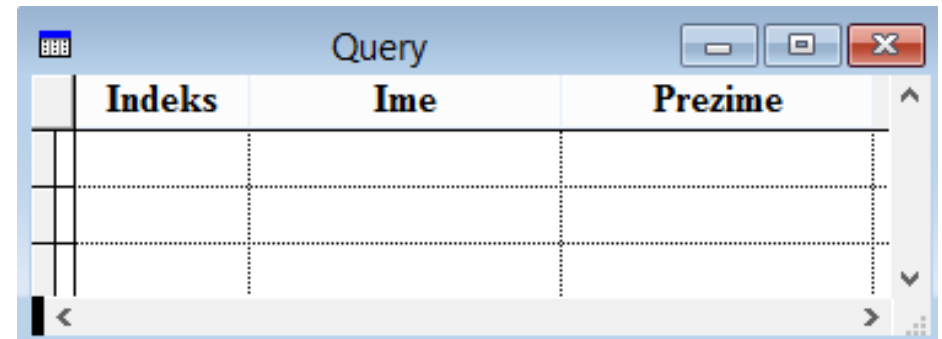
Upravljanje bazama podataka

□ SQL WHERE kluzula

Primer:

Prikazati sve studente koji se prezivaju STOJANOVIC i zovu NENAD ili MARKO.

```
SELECT * FROM student WHERE prezime='STOJANOVIC' AND  
(ime=' NENAD' OR ime=' MARKO');
```



The screenshot shows a window titled "Query" with a table containing three columns: Indeks, Ime, and Prezime. The table is currently empty, with only the header row visible. The window has standard Windows-style controls (minimize, maximize, close) in the top right corner.

Indeks	Ime	Prezime
--------	-----	---------

6.

Upravljanje bazama podataka

□ **ORDER BY** klauzula

ORDER BY klauzula se primenjuje za sortiranje rezultata po jednoj ili više kolona.

ORDER BY sortira u rastućem poretku (ASCENDING) - **ASC**.

Za sortiranje u opadajućem poretku (DESCENDING) koristi se ključna reč **DESC**.

```
SELECT kolona1, kolona2, ...  
FROM ime tabele  
ORDER BY kolona1, kolona2, ... ASC|DESC;
```

6.

Upravljanje bazama podataka

❑ ORDER BY klauzula

Primer:

Prikazati sve studente sortirane po broju indeksa .

```
SELECT * FROM student ORDER BY indeks;
```

20/20

Indeks	Ime	Prezime
001/2019	MARKO	MLADENOVIC
008/2019	NENAD	VRACAREVIC
015/2019	LUKA	MILJAKOVIC
017/2019	MARKO	ADZIC
018/2019	ALEKSA	RAKIC
024/2019	NEMANJA	CURCIC
029/2019	NENAD	MIHAJLOVIC
038/2019	SRECKO	AGATONOVIC
047/2019	KATARINA	MARKOVIC
051/2019	VELJKO	SPASOJEVIC
053/2019	ANDJELA	ALEMPIJEVIC
068/2019	VELJKO	STRBANOVIC
073/2019	DUSAN	NEDELJKOVIC
125/2019	NEMANJA	ZDRAVIC
134/2019	ANDRIJA	TOŠKOVIC
136/2019	FILIP	BLAGOJEVIC
139/2019	UROŠ	STOJANOVIC
002/2019	SRECKO	VUKADINOVIC
003/2019	MILAN	NESTOROVIC
005/2019	OGNJEN	NESTOROVIC
007/2019	JOVAN	SAVOVIC
009/2019	SASA	SAVKOVIC
010/2019	VELJKO	KOSTOVIC
011/2019	MIHAJLO	MILOŠEVIC
013/2019	NEVENA	DRAGICEVIC
014/2019	SERGEJ	CURAKOVIC
016/2019	NIKOLA	NIKOLIC
020/2019	TOMISLAV	ILIC
021/2019	MLADEN	OBRADOVIC
022/2019	DANIJEL	FILIMONOVIC
023/2019	MARKO	STOJNIC
025/2019	FILIP	NICIC
026/2019	JELENA	ANDREJIC
028/2019	MILOŠ	STEVANCEVIC

6.

Upravljanje bazama podataka

❑ ORDER BY klauzula

Primer:

Prikazati sve studente sortirane po broju indeksa

```
SELECT * FROM student ORDER BY indeks
```

Indeks	Ime	Prezime	Indeks	Ime	Prezime
001/2019	MARKO	MLADENOVIC	01/2019	MARKO	MLADENOVIC
002/2019	SRECKO	VUKADINOVIC	08/2019	NENAD	VRACAREVIC
003/2019	MILAN	NESTOROVIC	15/2019	LUKA	MILJAKOVIC
005/2019	OGNJEN	NESTOROVIC	17/2019	MARKO	ADZIC
007/2019	JOVAN	SAVOVIC	18/2019	ALEKSA	RAKIC
008/2019	NENAD	VRACAREVIC	24/2019	NEMANJA	CURCIC
009/2019	SASA	SAVKOVIC	29/2019	NENAD	MIHAJLOVIC
010/2019	VELJKO	KOSTOVIC	38/2019	SRECKO	AGATONOVIC
011/2019	MIHAJLO	MILOSEVIC	47/2019	KATARINA	MARKOVIC
013/2019	NEVENA	DRAGICEVIC	51/2019	VELJKO	SPASOJEVIC
014/2019	SERGEJ	CURAKOVIC	53/2019	ANDJELA	ALEMPIJEVIC
015/2019	LUKA	MILJAKOVIC	58/2019	VELJKO	STRBANOVIC
016/2019	NIKOLA	NIKOLIC	73/2019	DUSAN	NEDELJKOVIC
017/2019	MARKO	ADZIC	25/2019	NEMANJA	ZDRAVIC
018/2019	ALEKSA	RAKIC	34/2019	ANDRIJA	TOŠKOVIC
020/2019	TOMISLAV	ILIC	36/2019	FILIP	BLAGOJEVIC
021/2019	MLADEN	OBRADOVIC	39/2019	UROŠ	STOJANOVIC
022/2019	DANIJEL	FILIMONOVIC	02/2019	SRECKO	VUKADINOVIC
023/2019	MARKO	STOJNIC	03/2019	MILAN	NESTOROVIC
024/2019	NEMANJA	CURCIC	05/2019	OGNJEN	NESTOROVIC
025/2019	FILIP	NICIC	07/2019	JOVAN	SAVOVIC
026/2019	JELENA	ANDREJIC	09/2019	SASA	SAVKOVIC
028/2019	MILOŠ	STEVANCEVIC	10/2019	VELJKO	KOSTOVIC
029/2019	NENAD	MIHAJLOVIC	11/2019	MIHAJLO	MILOSEVIC
038/2019	SRECKO	AGATONOVIC	13/2019	NEVENA	DRAGICEVIC
047/2019	KATARINA	MARKOVIC	14/2019	SERGEJ	CURAKOVIC
051/2019	VELJKO	SPASOJEVIC	16/2019	NIKOLA	NIKOLIC
053/2019	ANDJELA	ALEMPIJEVIC	20/2019	TOMISLAV	ILIC
068/2019	VELJKO	STRBANOVIC	21/2019	MLADEN	OBRADOVIC
073/2019	DUSAN	NEDELJKOVIC	22/2019	DANIJEL	FILIMONOVIC
125/2019	NEMANJA	ZDRAVIC	23/2019	MARKO	STOJNIC
134/2019	ANDRIJA	TOŠKOVIC	25/2019	FILIP	NICIC
136/2019	FILIP	BLAGOJEVIC	26/2019	JELENA	ANDREJIC
139/2019	UROŠ	STOJANOVIC	28/2019	MILOŠ	STEVANCEVIC

6.

Upravljanje bazama podataka

❑ ORDER BY klauzula

Primer:

Prikazati sve studente sortirane po prezimenu .

```
SELECT * FROM student ORDER BY prezime;
```

Indeks	Ime	Prezime
001/2019	MARKO	MLADENOVIC
008/2019	NENAD	VRACAREVIC
015/2019	LUKA	MILJAKOVIC
017/2019	MARKO	ADZIC
018/2019	ALEKSA	RAKIC
024/2019	NEMANJA	CURCIC
029/2019	NENAD	MIHAJLOVIC
038/2019	SRECKO	AGATONOVIC
047/2019	KATARINA	MARKOVIC
051/2019	VELJKO	SPASOJEVIC
053/2019	ANDJELA	ALEMPIJEVIC
068/2019	VELJKO	STRBANOVIC
073/2019	DUSAN	NEDELJKOVIC
125/2019	NEMANJA	ZDRAVIC
134/2019	ANDRIJA	TOŠKOVIC
136/2019	FILIP	BLAGOJEVIC
139/2019	UROŠ	STOJANOVIC
002/2019	SRECKO	VUKADINOVIC
003/2019	MILAN	NESTOROVIC
005/2019	OGNJEN	NESTOROVIC
007/2019	JOVAN	SAVOVIC
009/2019	SASA	SAVKOVIC
010/2019	VELJKO	KOSTOVIC
011/2019	MIHAJLO	MILOŠEVIC
013/2019	NEVENA	DRAGICEVIC
014/2019	SERGEJ	CURAKOVIC
016/2019	NIKOLA	NIKOLIC
020/2019	TOMISLAV	ILIC
021/2019	MLADEN	OBRADOVIC
022/2019	DANIJEL	FILIMONOVIC
023/2019	MARKO	STOJNIC
025/2019	FILIP	NICIC
026/2019	JELENA	ANDREJIC
028/2019	MILOŠ	STEVANCEVIC

6.

Upravljanje bazama podataka

❑ ORDER BY klauzula

Primer:

Prikazati sve studente sortirane po prezimenu

```
SELECT * FROM student ORDER BY prezime;
```

23/20

Indeks	Ime	Prezime	Ime	Prezime
017/2019	MARKO	ADZIC	MARKO	MLADENOVIC
038/2019	SRECKO	AGATONOVIC	MARKO	VRACAREVIC
053/2019	ANDJELA	ALEMPIJEVIC	MARKO	MILJAKOVIC
026/2019	JELENA	ANDREJIC	MARKO	ADZIC
136/2019	FILIP	BLAGOJEVIC	MARKO	RAKIC
014/2019	SERGEJ	CURAKOVIC	MARKO	RAKIC
024/2019	NEMANJA	CURCIC	MARKO	RAKIC
013/2019	NEVENA	DRAGICEVIC	MARKO	RAKIC
022/2019	DANIJEL	FILIMONOVIC	MARKO	RAKIC
020/2019	TOMISLAV	ILIC	MARKO	RAKIC
010/2019	VELJKO	KOSTOVIC	MARKO	RAKIC
047/2019	KATARINA	MARKOVIC	MARKO	RAKIC
029/2019	NENAD	MIHAJLOVIC	MARKO	RAKIC
015/2019	LUKA	MILJAKOVIC	MARKO	RAKIC
011/2019	MIHAJLO	MILOSEVIC	MARKO	RAKIC
001/2019	MARKO	MLADENOVIC	MARKO	RAKIC
073/2019	DUSAN	NEDELJKOVIC	MARKO	RAKIC
003/2019	MILAN	NESTOROVIC	MARKO	RAKIC
005/2019	OGNJEN	NESTOROVIC	MARKO	RAKIC
025/2019	FILIP	NICIC	MARKO	RAKIC
016/2019	NIKOLA	NIKOLIC	MARKO	RAKIC
021/2019	MLADEN	OBRADOVIC	MARKO	RAKIC
018/2019	ALEKSA	RAKIC	MARKO	RAKIC
009/2019	SASA	SAVKOVIC	MARKO	RAKIC
007/2019	JOVAN	SAVOVIC	MARKO	RAKIC
051/2019	VELJKO	SPASOJEVIC	MARKO	RAKIC
028/2019	MILOŠ	STEVANCEVIC	MARKO	RAKIC
139/2019	UROŠ	STOJANOVIC	MARKO	RAKIC
023/2019	MARKO	STOJNIC	MARKO	RAKIC
068/2019	VELJKO	STRBANOVIC	MARKO	RAKIC
134/2019	ANDRIJA	TOŠKOVIC	MARKO	RAKIC
008/2019	NENAD	VRACAREVIC	MARKO	RAKIC
002/2019	SRECKO	VUKADINOVIC	MARKO	RAKIC
125/2019	NEMANJA	ZDRAVIC	MARKO	RAKIC