



Міністерство освіти і науки України
НТУУ «Київський політехнічний інститут»
Фізико-технічний інститут

Бази даних
Лабораторна робота №3
«ВИВЧЕННЯ СИНТАКСИСУ КОМАНД МАНІПУЛЮВАННЯ ДАНИМИ»

Виконала:

Студентка групи ФІ-81

Бражник Марія

Перевірив:

Лічик В. В.

Завдання для лабораторної роботи

1. Використовуючи команду INSERT заповнити таблиці бази даних значеннями. Кількість рядків в таблицях – не менше 10.

Хід роботи:

Заповнимо таблицю books:

```
insert into books (Title, Author, YearOfPublication, Price, IsNew, ShortAnnotation)
Values ('The Fellowship of the Ring', 'J. R. R. Tolkien', 1954, 350, 0, 'First book of The
Lord of the Rings novel'),
      ('The Two Towers', 'J. R. R. Tolkien', 1954, 350, 0, 'Second book of The Lord
of the Rings novel'),
      ('The Return of the King', 'J. R. R. Tolkien', 1954, 350, 0, 'Third book of
The Lord of the Rings novel'),
      ('The Eye of the World', 'Robert Jordan', 1990, 300, 1, 'First book in The
Wheel of Time novel'),
      ('The Great Hunt', 'Robert Jordan', 1990, 300, 1, 'Second book in The Wheel of
Time novel'),
      ('The Dragon Reborn', 'Robert Jordan', 1991, 300, 1, 'Third book in The Wheel
of Time novel'),
      ('The Shadow Rising', 'Robert Jordan', 1992, 300, 1, 'Fourth book in The Wheel
of Time novel'),
      ('The Fires of Heaven', 'Robert Jordan', 1993, 300, 1, 'Fifth book in The
Wheel of Time novel'),
      ('Lord of Chaos', 'Robert Jordan', 2013, 300, 1, 'Sixth book in The Wheel of
Time novel')
      ('A Crown of Swords', 'Robert Jordan', 1996, 300, 1, 'Seventh book in The
Wheel of Time novel'),
      ('The Path of Daggers', 'Robert Jordan', 1998, 300, 1, 'Eighth book in The
Wheel of Time novel'),
      ('Winter`s Heart', 'Robert Jordan', 2000, 300, 1, 'Ninth book in The Wheel of
Time novel'),
      ('Crossroads of Twilight', 'Robert Jordan', 2013, 300, 1, 'Tenth book in The
Wheel of Time novel')
      ('The Fellowship of the Ring', 'J. R. R. Tolkien', 1954, 350, 0, 'First book
of The Lord of the Rings novel')
```

	Title	Author	YearOfPublication	Price	IsNew	ShortAnnotation
1	A Crown of Swords	Robert Jordan	1996	300	1	Seventh book in The Wheel of Time novel
2	Crossroads of Twilight	Robert Jordan	2003	300	1	Tenth book in The Wheel of Time novel
3	Lord of Chaos	Robert Jordan	1994	300	1	Sixth book in The Wheel of Time novel
4	The Dragon Reborn	Robert Jordan	1991	300	1	Third book in The Wheel of Time novel
5	The Eye of the World	Robert Jordan	1990	300	1	First book in The Wheel of Time novel
6	The Fellowship of the Ring	J. R. R. Tolkien	1954	350	0	First book of The Lord of the Rings novel
7	The Fires of Heaven	Robert Jordan	1993	300	1	Fifth book in The Wheel of Time novel
8	The Great Hunt	Robert Jordan	1990	300	1	Second book in The Wheel of Time novel
9	The Path of Daggers	Robert Jordan	1998	300	1	Eighth book in The Wheel of Time novel
10	The Return of the King	J. R. R. Tolkien	1954	350	0	Third book of The Lord of the Rings novel
11	The Shadow Rising	Robert Jordan	1992	300	1	Fourth book in The Wheel of Time novel
12	The Two Towers	J. R. R. Tolkien	1954	350	0	Second book of The Lord of the Rings novel
13	Winter`s Heart	Robert Jordan	2000	300	1	Ninth book in The Wheel of Time novel

Заповнимо таблицю readers:

```
insert into readers
values ('Natan', 'Stark', 'NY', 378928754),
      ('Marta', 'James', 'Denver', 854857435),
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( 'Julie', 'Verlak', 'Chicago', 522894215),
( 'James', 'Brown', 'New Mexico', 594656539),
( 'Teresa', 'Senda', 'Boston', 781985673),
( 'Victoria', 'Snow', 'Sun Francisco', 854259854),
( 'Peter', 'Parker', 'Queens', 784595871),
( 'Tony', 'Stark', 'NY', 378543759),
( 'Natasha', 'Romanoff', 'NY', 755786148),
( 'Bruce', 'Benner', 'NY', 748545891)
```

	IDcard	FirstName	SecondName	Adress	PhoneNumber
1	1	Natan	Stark	NY	378928754
2	2	Marta	James	Denver	854857435
3	3	Julie	Verlak	Chicago	522894215
4	4	James	Brown	New Mexico	594656539
5	5	Teresa	Senda	Boston	781985673
6	6	Victoria	Snow	Sun Francisco	854259854
7	7	Peter	Parker	Queens	784595871
8	8	Tony	Stark	NY	378543759
9	9	Natasha	Romanoff	NY	755786148
10	10	Bruce	Benner	NY	748545891

Заповнимо таблицю books_taken:

```
insert into books_taken (TitleOfBook, TakenBy, DateOfTaking, DateOfReturning)
values ('The Dragon Reborn', 3, '07/15/2017', '12/28/2017'),
( 'Crossroads of Twilight', 6, '05/15/2020', '12/01/2020'),
( 'Lord of Chaos', 9, '12/15/2018', '05/12/2019'),
( 'The Two Towers', 10, '01/02/2020', ''),
( 'The Fires of Heaven', 3, '09/15/2020', '03/31/2021'),
( 'Winter`s Heart', 8, '10/10/2019', '11/17/2019'),
( 'A Crown of Swords', 2, '09/16/2020', ''),
( 'The Eye of the World', 4, '12/20/2019', ''),
( 'The Path of Daggers', 3, '07/29/2021', '09/28/2021'),
( 'The Fellowship of the Ring', 6, '07/19/2017', '')
```

	TitleOfBook	TakenBy	DateOfTaking	DateOfReturning
1	The Dragon Reborn	3	2017-07-15	12/28/2017
2	Crossroads of Twilight	6	2020-05-15	12/01/2020
3	Lord of Chaos	9	2018-12-15	05/12/2019
4	The Two Towers	10	2020-01-02	
5	The Fires of Heaven	3	2020-09-15	03/31/2021
6	Winter`s Heart	8	2019-10-10	11/17/2019
7	A Crown of Swords	2	2020-09-16	
8	The Eye of the World	4	2019-12-20	
9	The Path of Daggers	3	2021-07-29	09/28/2021
10	The Fellowship of the Ring	6	2017-07-19	

Через те, що дата повернення є не у кожної книги, деякі значення в них пусті.