

- Home
- SQL Worksheet
- My Session
- Schema
- Quick SQL
- My Scripts
- My Tutorials
- Code Library

SQL Worksheet Clear Find Actions Save Run

```
1 -- Create the Authors table
2 CREATE TABLE Authors (
3     author_id NUMBER PRIMARY KEY,
4     author_name VARCHAR2(100)
5 );
6
7 -- Create the Genres table
8 CREATE TABLE Genres (
9     genre_id NUMBER PRIMARY KEY,
10    genre_name VARCHAR2(100)
11 );
12
13 -- Create the Publishers table
14 CREATE TABLE Publishers (
15     publisher_id NUMBER PRIMARY KEY,
16     publisher_name VARCHAR2(100)
```

Table created.

Table created.

Table created.

Table created.

Table created.

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SQL Worksheet Clear Find Actions Save Run

```
1 -- Insert data into Authors table
2 INSERT INTO Authors (author_id, author_name)
3 VALUES (1, 'Jane Austen');
4
5 INSERT INTO Authors (author_id, author_name)
6 VALUES (2, 'Charles Dickens');
7
8 INSERT INTO Authors (author_id, author_name)
9 VALUES (3, 'Mark Twain');
10
11 INSERT INTO Authors (author_id, author_name)
12 VALUES (4, 'Emily Bronte');
13
14 INSERT INTO Authors (author_id, author_name)
15 VALUES (5, 'Agatha Christie');
16
```

1 row(s) inserted.
1 row(s) inserted.
1 row(s) inserted.
1 row(s) inserted.
1 row(s) inserted.

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Schema

Search Objects

Schema: My Schema

Sort By: Name

Options: ☒ Primary Objects ☐ Primary and Subordinate

Reset Search

AUTHENTICATION Table Status: Valid Created 83 seconds ago	AUTHORS Table Status: Valid Created 84 seconds ago	BOOKS Table Status: Valid Created 83 seconds ago
GENRES Table Status: Valid Created 84 seconds ago	LIBRARY_CARDS Table Status: Valid Created 83 seconds ago	LOANS Table Status: Valid Created 83 seconds ago
PUBLISHERS Table Status: Valid Created 83 seconds ago	REPORTS Table Status: Valid Created 83 seconds ago	STAFF Table Status: Valid Created 83 seconds ago
STUDENTS Table Status: Valid Created 83 seconds ago		

SQL Worksheet

Clear

Find

Actions

Save

Run

```
1  
2  
3 SELECT COUNT(*) FROM Loans WHERE loan_date BETWEEN TO_DATE('1882-06-15', 'YYYY-MM-DD') AND TO_DATE('2024-06-15', 'YYYY-MM-DD');  
4  
5  
6  
7  
8
```

COUNT(*)

5

Download CSV

SQL Worksheet

Clear Find Actions Save Run

```
1
2
3 SELECT * FROM Students
4 JOIN Loans ON Students.student_id = Loans.student_id
5 WHERE Loans.return_date IS NULL;
6
```

STUDENT_ID	FIRST_NAME	LAST_NAME	GRADE	DATE_OF_BIRTH	ADDRESS	CONTACT_NUMBER	EMAIL	CURRENT_BOOK_ID	LOAN_ID	CARD_NUMBER
1	John	Doe	10	15-MAY-05	123 Main St	123-456-7890	john.doe@example.com	-	1	LC001
4	Sarah	Williams	12	28-NOV-03	321 Pine St	555-987-6543	sarah.williams@example.com	4	4	LC004
5	David	Brown	11	05-JUN-04	567 Walnut St	555-789-1234	david.brown@example.com	1	5	LC005

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3 rows selected.

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SQL Worksheet

Live SQL

Feedback Help mouadassila@ogr.bandirma.edu.tr

SQL Worksheet

Clear Find Actions Save Run

```
1
2
3 SELECT available_copies FROM Books WHERE book_id = 3;
4
```

AVAILABLE_COPIES

3

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SQL Worksheet

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SQL Worksheet

Clear Find Actions Save Run

1

2 SELECT COUNT(*) FROM Loans WHERE student_id = 5;

3

COUNT(*)

1

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```
1
2
3 SELECT * FROM Books WHERE genre_id = 2;
4
```

BOOK_ID	TITLE	AUTHOR_ID	PUBLICATION_YEAR	ISBN	AVAILABLE_COPIES	TOTAL_COPIES	GENRE_ID	PUBLISHER_ID
2	Great Expectations	2	1861	9780141439563	8	12	2	2
5	Murder on the Orient Express	5	1934	9780062693662	4	6	2	5

Download CSV

2 rows selected.

SQL Worksheet

Clear Find Actions Save Run

```
1
2
3 SELECT * FROM Books
4 JOIN Loans ON Books.book_id = Loans.book_id
5 WHERE Loans.student_id = 5;
6
```

BOOK_ID	TITLE	AUTHOR_ID	PUBLICATION_YEAR	ISBN	AVAILABLE_COPIES	TOTAL_COPIES	GENRE_ID	PUBLISHER_ID	LOAN_ID	CARD_NUMBER	STUDENT
5	Murder on the Orient Express	5	1934	9780062693662	4	6	2	5	5	LC005	5

Download CSV

SQL Worksheet

Clear Find Actions Save Run

5
6
7
8
9
10

SELECT * FROM Books WHERE publication_year = 1884;

BOOK_ID	TITLE	AUTHOR_ID	PUBLICATION_YEAR	ISBN	AVAILABLE_COPIES	TOTAL_COPIES	GENRE_ID	PUBLISHER_ID
3	Adventures of Huckleberry Finn	3	1884	9780199536559	3	7	3	3

Download CSV

```
1
2 SELECT * FROM Books;
3
4
5
6
```

BOOK_ID	TITLE	AUTHOR_ID	PUBLICATION_YEAR	ISBN	AVAILABLE_COPIES	TOTAL_COPIES	GENRE_ID	PUBLISHER_ID
1	Pride and Prejudice	1	1813	9780141439518	5	10	1	1
2	Great Expectations	2	1861	9780141439563	8	12	2	2
3	Adventures of Huckleberry Finn	3	1884	9780199536559	3	7	3	3
4	Wuthering Heights	4	1847	9780141439556	6	10	4	4
5	Murder on the Orient Express	5	1934	9780062693662	4	6	2	5

Download CSV

5 rows selected.


```
1
2
3
4 SELECT * FROM Books WHERE available_copies > 5;
5
```

BOOK_ID	TITLE	AUTHOR_ID	PUBLICATION_YEAR	ISBN	AVAILABLE_COPIES	TOTAL_COPIES	GENRE_ID	PUBLISHER_ID
2	Great Expectations	2	1861	9780141439563	8	12	2	2
4	Wuthering Heights	4	1847	9780141439556	6	10	4	4

Download CSV

2 rows selected.

SQL Worksheet Clear Find Actions Save Run

```
1
2
3 SELECT * FROM Reports WHERE student_id = 3;
4
5 SELECT * FROM Staff WHERE genre_id = 4;
6
7
8
```

REPORT_ID	STUDENT_ID	TITLE	DESCRIPTION	DATE_GENERATED
3	3	Lost Book	The student lost the borrowed book.	15-JUN-23

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STAFF_ID	NAME	EMAIL	GENRE_ID
4	Daniel Wilson	daniel.wilson@example.com	4

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