



**Bicol University
Bicol University Polangui
Polangui, Albay**

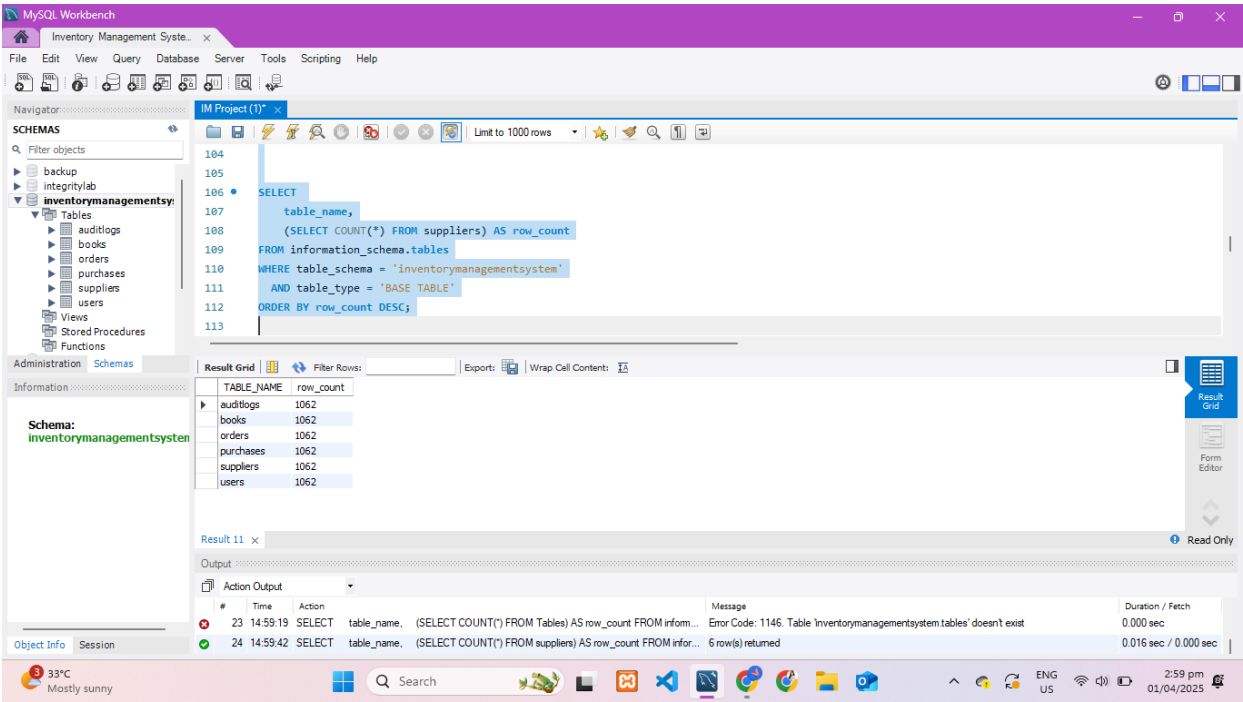


National Bookstore Inventory Management

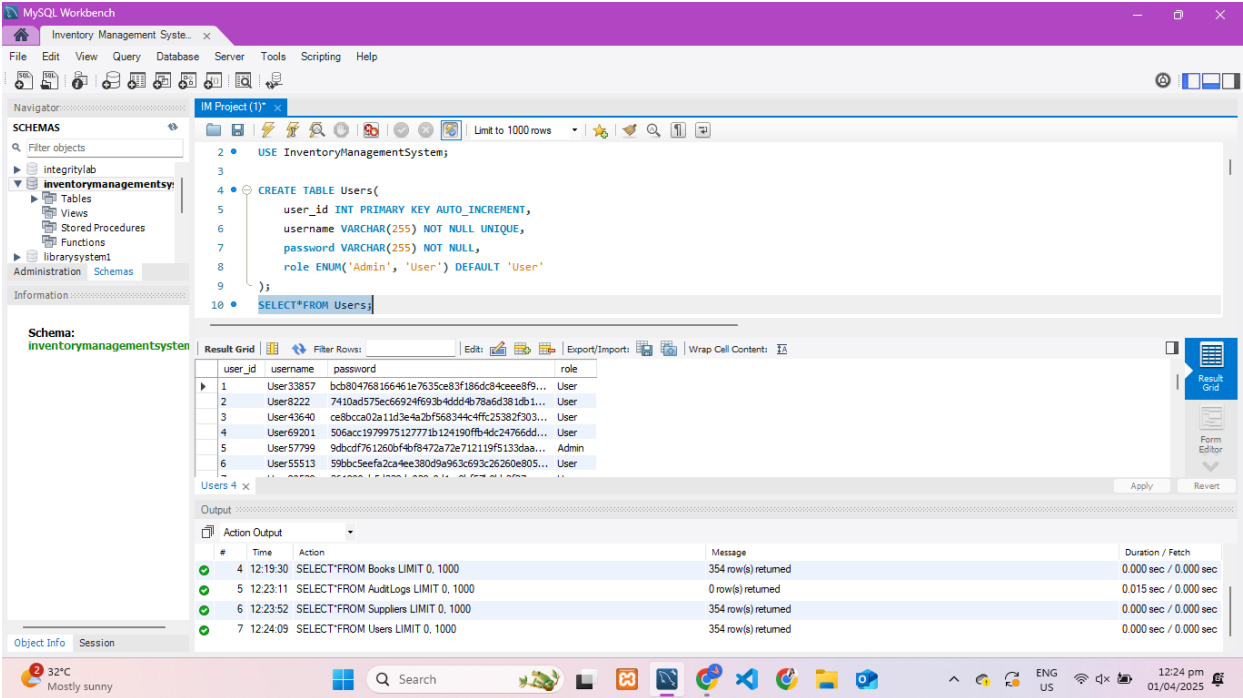
Information Management

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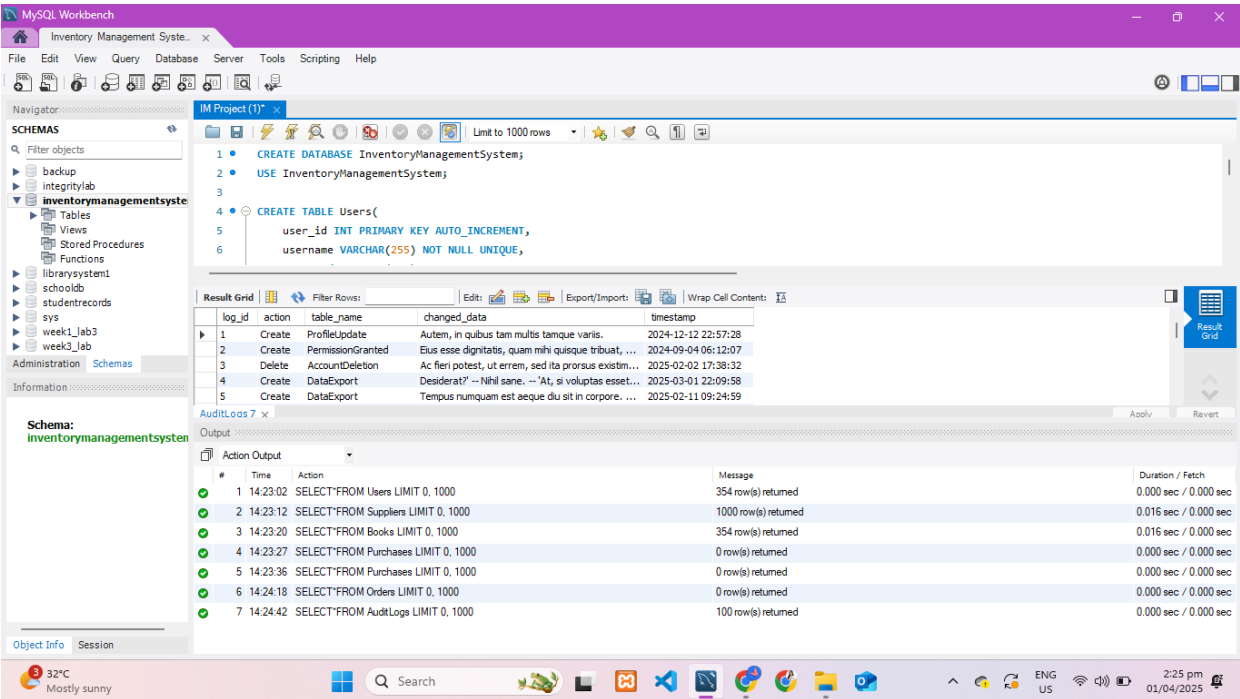
BSIS-2B

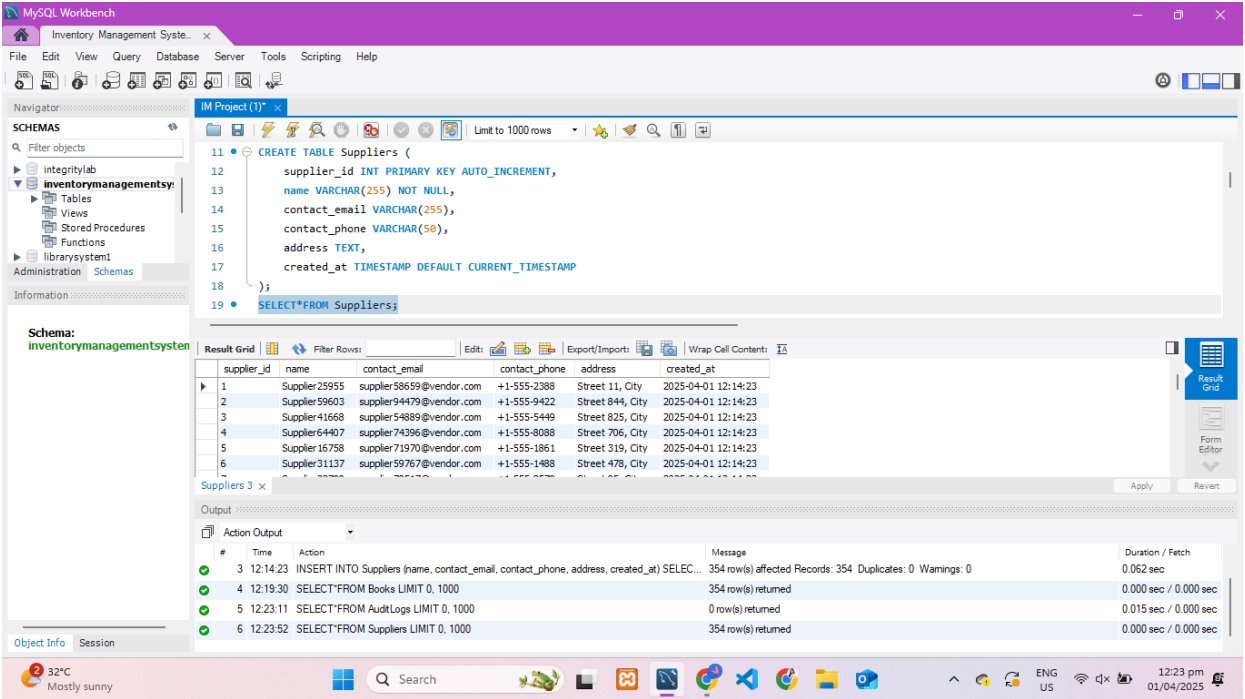


Row counts per table.



Successfully created table for users of the database.





Created table for book suppliers.

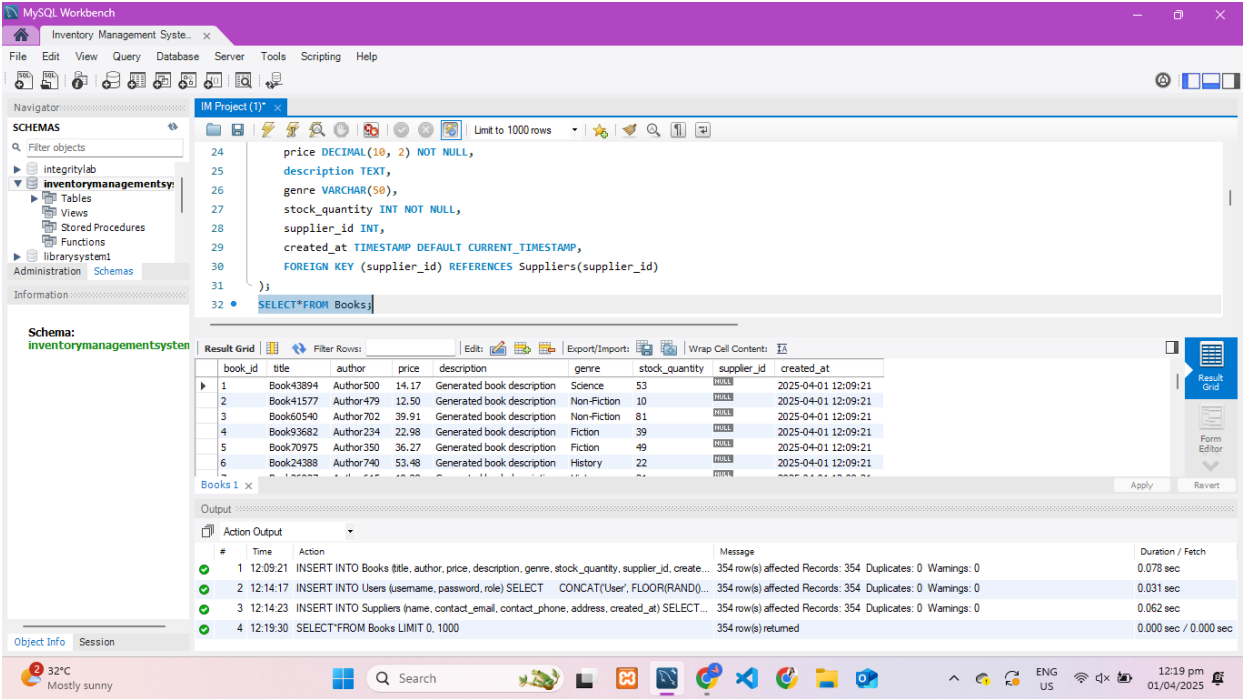
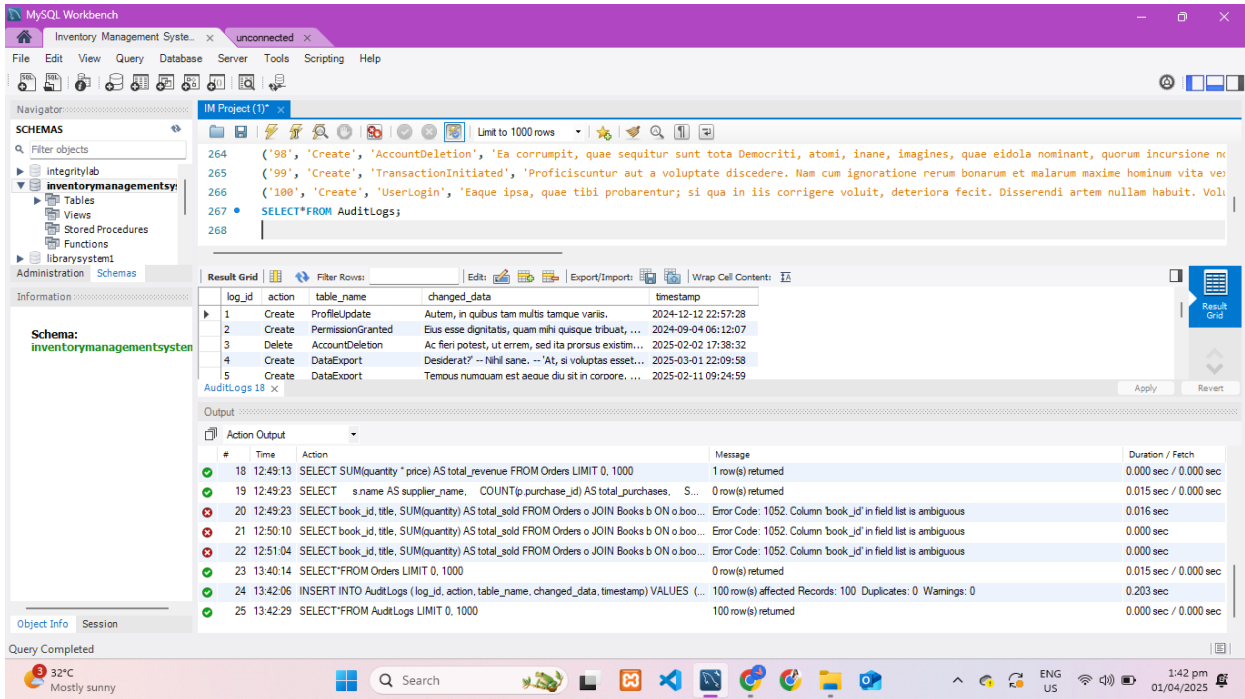


Table for books.

MySQL Workbench - Inventory Management System

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

integritylab

inventorymanagementsys

Tables

Views

Stored Procedures

Functions

librarysystem1

Administration Schemas

Information

Schema: inventorymanagementsystem

Query 1

```
log_id INT PRIMARY KEY AUTO_INCREMENT,
action ENUM('Create', 'Update', 'Delete'),
table_name VARCHAR(50),
changed_data TEXT,
timestamp TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
SELECT * FROM AuditLogs;
```

Result Grid

log_id	action	table_name	changed_data	timestamp

AuditLogs 6 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	16 11:01:59	SELECT * FROM Books LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	17 11:02:17	SELECT * FROM Purchases LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	18 11:02:38	SELECT * FROM Orders LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
✓	19 11:03:05	SELECT * FROM AuditLogs LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Query Completed

83°F Mostly cloudy

Search

ENG US

11:03 am 30/03/2025

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Schema: inventorymanagementsystem

Query 1

```
purchase_id INT PRIMARY KEY AUTO_INCREMENT,
supplier_id INT,
purchase_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
total_cost DECIMAL(10, 2),
FOREIGN KEY (supplier_id) REFERENCES Suppliers(supplier_id)
);
SELECT * FROM Purchases;
```

Result Grid

purchase_id	supplier_id	purchase_date	total_cost

Purchases 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	14 11:01:15	SELECT * FROM Users LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	15 11:01:44	SELECT * FROM Suppliers LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	16 11:01:59	SELECT * FROM Books LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	17 11:02:17	SELECT * FROM Purchases LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Query Completed

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Search

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11:02 am 30/03/2025

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Administration Schemas

Information

Schema: inventorymanagementsystem

Query 1

```
book_id INT,
quantity INT,
price DECIMAL(10, 2),
FOREIGN KEY (purchase_id) REFERENCES Purchases(purchase_id),
FOREIGN KEY (book_id) REFERENCES Books(book_id)
);
SELECT * FROM Orders;
```

Result Grid

order_id	purchase_id	book_id	quantity	price

Orders 5 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	15 11:01:44	SELECT * FROM Suppliers LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	16 11:01:59	SELECT * FROM Books LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	17 11:02:17	SELECT * FROM Purchases LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	18 11:02:38	SELECT * FROM Orders LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Query Completed

83°F Mostly cloudy

Search

ENG US

11:02 am 30/03/2025