

EECS 3421 Assignment 3

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Question 1 –

1) Workbench Screenshot showing no prior data in the database:

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with '3421a03' selected. The 'Tables' list includes 'activityhappens', 'cfpcount', 'covers', 'event', 'eventbook', 'eventconference', 'eventjournal', 'organizes', 'people', and 'researchtopic'. The 'Table: activityhappens' details are shown, including columns 'EventName' (varchar(100), PK), 'ActivityName' (varchar(100), PK), and 'ActivityDate' (date). The main query editor shows 'Query 1' with the SQL statement: `select * from event;`. The 'Result Grid' is empty, indicating no data was returned. The 'Output' pane shows the execution log with three actions: 'show tables' (10 row(s) returned), 'select * from activityhappens LIMIT 0, 100' (0 row(s) returned), and 'select * from event LIMIT 0, 100' (0 row(s) returned).

CFPCount Table:

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' tree with '3421a03' selected. The 'Tables' list includes 'activityhappens', 'cfpcount', 'covers', 'event', 'eventbook', 'eventconference', 'eventjournal', 'organizes', 'people', and 'researchtopic'. The 'Table: activityhappens' details are shown, including columns 'EventName' (varchar(100), PK), 'ActivityName' (varchar(100), PK), and 'ActivityDate' (date). The main query editor shows 'Query 1' with the SQL statement: `select * from cfpcount;`. The 'Result Grid' displays three columns: 'countConference', 'countJournal', and 'countBook', with values 0, 0, and 0 respectively. The 'Output' pane shows the execution log with three actions: 'select * from activityhappens LIMIT 0, 100' (0 row(s) returned), 'select * from event LIMIT 0, 100' (0 row(s) returned), and 'select * from cfpcount LIMIT 0, 100' (1 row(s) returned).

2) Screenshots of inserting data through the frontend: Event Conference:

CFP Admin

Use this insert button when inserting single records for the Event, Conference, Journal, Book, Activity, Research, and People tables. You can also add them all in one go.

INSERT

Event | Conference | Journal | Book

Enter Event Information

Event Name: Test Conference
Event Web Link: conference.com
CFP text: This is a test conference

Activity | Research | People

To enter multiple activities, fill in the fields and hit insert and then continue doing the same.

Event Name: Test Conference
Activity Name: Starting
Activity Date (YYYY-MM-DD): 2021-07-01

Multiple Activities | Multiple People | Multiple Topics

2 activities | 3 activities

Event Name:
Activity Name:
Activity Date (YYYY-MM-DD):
Activity Name:
Activity Date (YYYY-MM-DD):

Insert

Use the insert button in the multiple activities, people and topics panels when you want to insert records for existing events or when you want to insert multiple records for a new event. In this case, please fill in the fields in the Event panel too.

CFP Admin

Use this insert button when inserting single records for the Event, Conference, Journal, Book, Activity, Research, and People tables. You can also add them all in one go.

INSERT

Event | Conference | Journal | Book

Enter Conference Record, If it's not a Conference record, do not write anything

Event Name: Test Conference
City: Muscat
Country: Oman
Date (YYYY-MM-DD): 2021-07-01

Activity | Research | People

To enter multiple records for the people table, fill in the fields and hit in... and then continue doing the sa...

Event Name: Test Conference
People Name: Rushanshah
People Affiliation: YorkU
Role: Student

Multiple Activities | Multiple People | Multiple Topics

2 activities | 3 activities

Event Name:
Activity Name:
Activity Date (YYYY-MM-DD):
Activity Name:
Activity Date (YYYY-MM-DD):

Insert

Use the insert button in the multiple activities, people and topics panels when you want to insert records for existing events or when you want to insert multiple records for a new event. In this case, please fill in the fields in the Event panel too.

Use this insert button when inserting single records for the Event, Conference, Journal, Book, Activity, Research, and People tables. You can also add them all in one go.

INSERT

Event
Conference
Journal
Book

Enter Conference Record, If it's not a Conference record, do not write anything

Event Name: Test Conference

City: Muscat

Country: Oman

Date (YYYY-MM-DD): 2021-07-01

Activity
Research
People

To enter multiple records for the people table, fill in the fields and hit in... and then continue doing the sa...

Test Conference

Rushanshah

YorkU

Student

Multiple Activities
Multiple People
Multiple Topics

2 activities
3 activities

Event Name

Activity Name

Activity Date (YYYY-MM-DD)

Activity Name

Activity Date (YYYY-MM-DD)

Insert

Message

i Record Added

OK

Use the insert button in the multiple activities, people and topics panels when you want to insert records for existing events or when you want to insert multiple records for a new event. In this case, please fill in the fields in the Event panel too.

Event Book:

CFP Admin

Use this insert button when inserting single records for the Event, Conference, Journal, Book, Activity, Research, and People tables. You can also add them all in one go.

INSERT

Event

Conference

Journal

Book

Enter Event Information

Event Name

Test Book Call for chapters

Event Web Link

book.com

CFP text

This is a test book

Activity

Research

People

To enter multiple activities, fill in the fields and hit insert and then continue doing the same.

Event Name

Test Book Call for chapters

Activity Name

Opening

Activity Date (YYYY-MM-DD)

2021-06-01

Multiple Activities

Multiple People

Multiple Topics

2 activities

3 activities

Event Name

Activity Name

Activity Date (YYYY-MM-DD)

Activity Name

Activity Date (YYYY-MM-DD)

Insert

Use the insert button in the multiple activities, people and topics panels when you want to insert records for existing events or when you want to insert multiple records for a new event. In this case, please fill in the fields in the Event panel too.

CFP Admin

Use this insert button when inserting single records for the Event, Conference, Journal, Book, Activity, Research, and People tables. You can also add them all in one go.

INSERT

Event

Conference

Journal

Book

Enter Book Record, If it's not a Book record, do not write anything

Event Name

Test Book Call for chapters

Book Publisher

Rushanshah Saiyed

Activity

Research

People

To enter multiple records for the people table, fill in the fields and hit in... and then continue doing the sa...

Event Name

Test Book Call for chapters

People Name

Saiyed Rushanshah

People Affiliation

York University

Role

III year Student

Multiple Activities

Multiple People

Multiple Topics

2 activities

3 activities

Event Name

Activity Name

Activity Date (YYYY-MM-DD)

Activity Name

Activity Date (YYYY-MM-DD)

Insert

Use the insert button in the multiple activities, people and topics panels when you want to insert records for existing events or when you want to insert multiple records for a new event. In this case, please fill in the fields in the Event panel too.

CFP Admin

Event

Conference

Journal

Book

Activity

Research

People

Enter Book Record, If it's not a Book record, do not write anything

Event Name

Test Book Call for chapters

Book Publisher

Rushanshah Saiyed

To enter multiple records for the people table, fill in the fields and hit in... and then continue doing the sa...

Test Book Call for chapters

Saiyed Rushanshah

York University

III year Student

Multiple Activities

Multiple People

Multiple Topics

2 activities

3 activities

Event Name

Activity Name

Activity Date (YYYY-MM-DD)

Activity Name

Activity Date (YYYY-MM-DD)

Insert

Use this insert button when inserting single records for the Event, Conference, Journal, Book, Activity, Research, and People tables. You can also add them all in one go.

INSERT

Message

i

Record Added

OK

Use the insert button in the multiple activities, people and topics panels when you want to insert records for existing events or when you want to insert multiple records for a new event. In this case, please fill in the fields in the Event panel too.

Event Journal:

CFP Admin

Use this insert button when inserting single records for the Event, Conference, Journal, Book, Activity, Research, and People tables. You can also add them all in one go.

INSERT

EventConferenceJournalBook

Enter Event Information

Event Name

Test Journal

Event Web Link

journal.com

CFP text

this is a test journal

ActivityResearchPeople

To enter multiple activities, fill in the fields and hit insert and then continue doing the same.

Event Name

Test Journal

Activity Name

test activity journal

Activity Date (YYYY-MM-DD)

2021-01-01

Multiple ActivitiesMultiple PeopleMultiple Topics

2 activities3 activities

Event Name

Activity Name

Activity Date (YYYY-MM-DD)

Activity Name

Activity Date (YYYY-MM-DD)

Insert

Use the insert button in the multiple activities, people and topics panels when you want to insert records for existing events or when you want to insert multiple records for a new event. In this case, please fill in the fields in the Event panel too.

CFP Admin

Use this insert button when inserting single records for the Event, Conference, Journal, Book, Activity, Research, and People tables. You can also add them all in one go.

INSERT

EventConferenceJournalBook

Enter Journal Record, If it's not a journal record, do not write anything

Event Name

Test Journal

Journal Name

TestJournalName

Publisher

Saiyed

ActivityResearchPeople

To enter multiple research topics, fill in the fields and hit insert and then continue doing the same.

Event Name

Test Journal

Research Topic Name

Journal Topic

Research Topic Area

New Topic

Multiple ActivitiesMultiple PeopleMultiple Topics

2 activities3 activities

Event Name

Activity Name

Activity Date (YYYY-MM-DD)

Activity Name

Activity Date (YYYY-MM-DD)

Insert

Use the insert button in the multiple activities, people and topics panels when you want to insert records for existing events or when you want to insert multiple records for a new event. In this case, please fill in the fields in the Event panel too.

Multiple Research Topics for an event:

CFP Admin

Use this insert button when inserting single records for the Event, Conference, Journal, Book, Activity, Research, and People tables. You can also add them all in one go. **INSERT**

Event **Conference** **Journal** **Book** **Activity** **Research** **People**

Enter Event Information

Event Name

Event Web Link

CFP text

Message ×

i Record Added **OK**

To enter multiple activities, fill in the fields and hit insert and then continue doing the same.

YYY-MM-DD)

Multiple Activities **Multiple People** **Multiple Topics**

2 topics **3 topics**

Event Name

Research Topic Name

Research Topic Area

Research Topic Name

Research Topic Area

Insert

Use the insert button in the multiple activities, people and topics panels when you want to insert records for existing events or when you want to insert multiple records for a new event. In this case, please fill in the fields in the Event panel too.

3) Workbench screenshot showing data inserted successfully:

Navigator

SCHEMAS

Filter objects

- assignment2
- assignment3
- cfps
- sys

Administration **Schemas**

Information

No object selected

Object Info **Session**

Query 1

1 • select * from event;

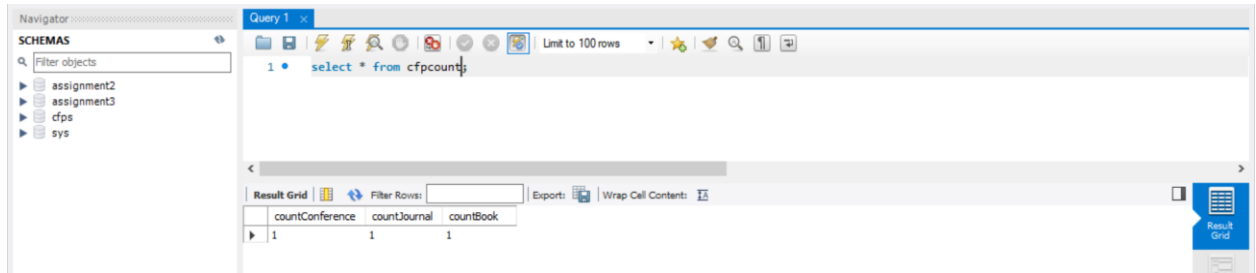
Result Grid

Name	EventWebLink	CFPText
Test Book Call for chapters	book.com	This is a test book
Test Conference	conference.com	This is a test conference
Test Journal	journal.com	this is a test journal

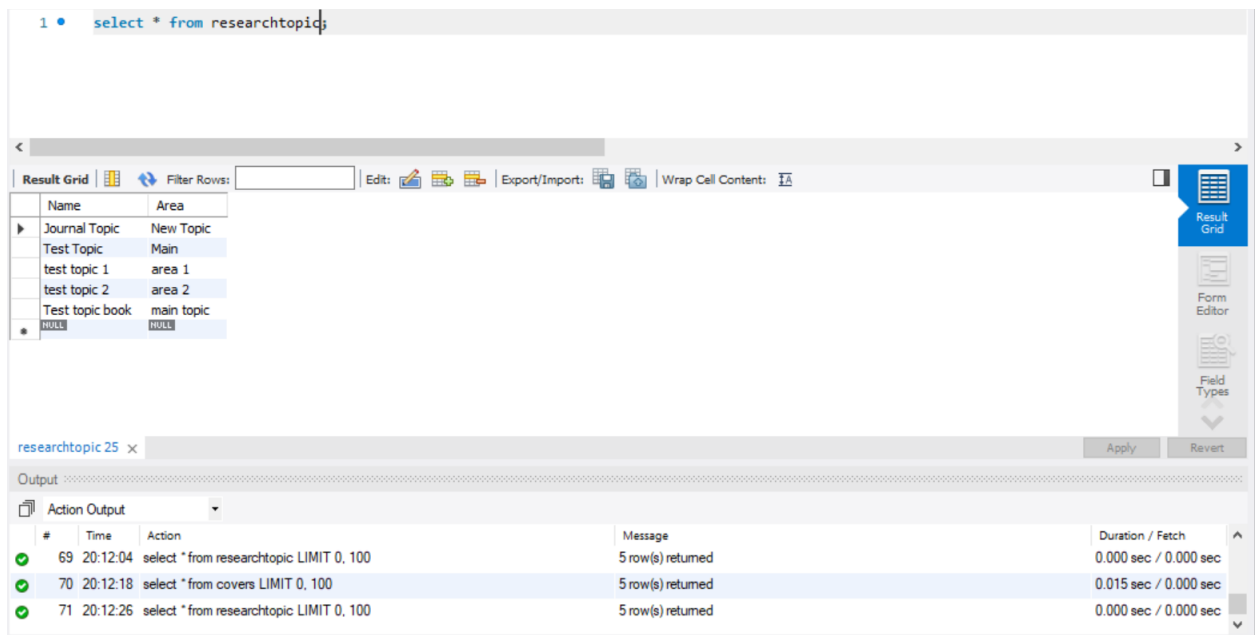
event 20

Output

#	Time	Action	Message	Duration / Fetch
64	19:51:19	select * from cfpcount LIMIT 0, 100	1 row(s) returned	0.000 sec / 0.000 sec
65	19:55:19	select * from cfpcount LIMIT 0, 100	1 row(s) returned	0.016 sec / 0.000 sec
66	19:55:50	select * from event LIMIT 0, 100	3 row(s) returned	0.000 sec / 0.000 sec




Multiple Research topics added:



Question 2 –

- 1) Screenshot showing the queries return empty tables i.e blank frontend:
Empty tables; No data inserted.



Refresh Tables

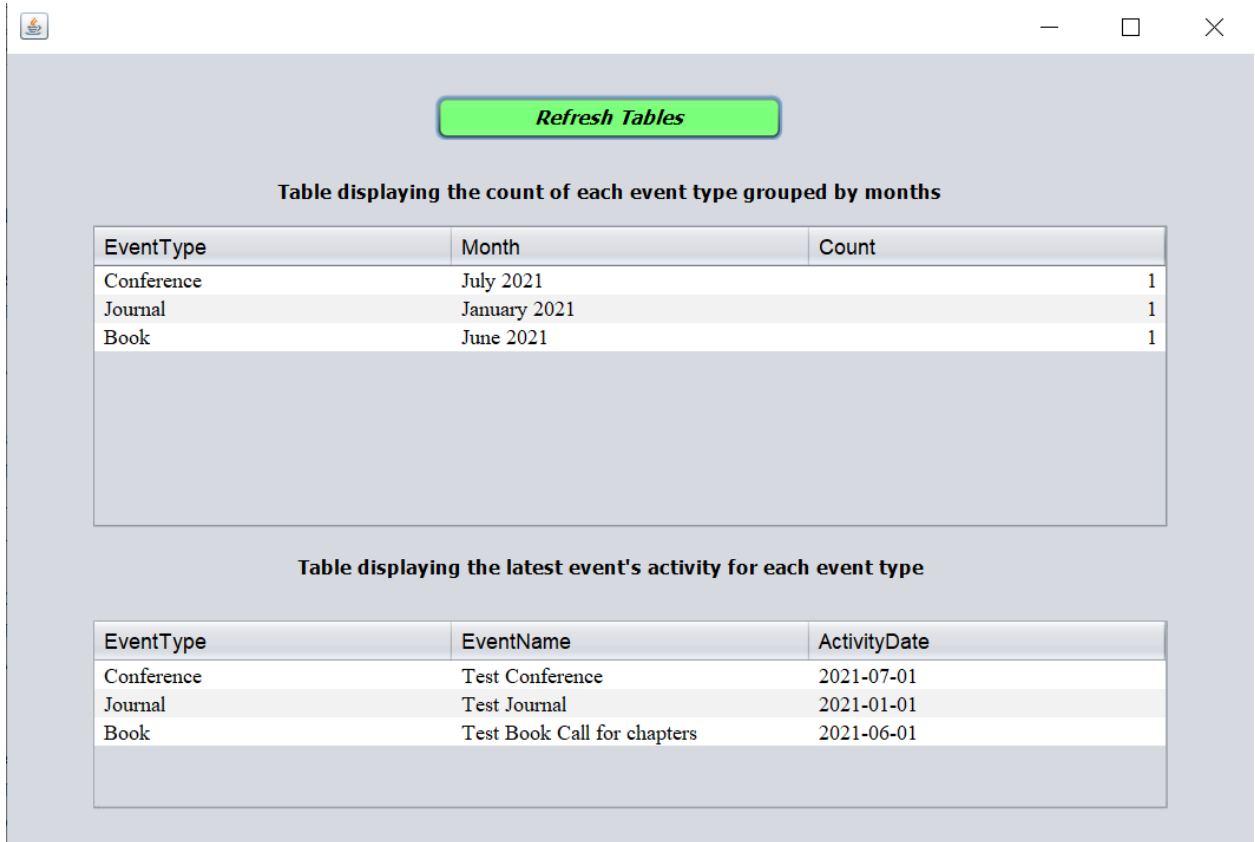
Table displaying the count of each event type grouped by months

EventType	Month	Count
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Table displaying the latest event's activity for each event type

EventType	EventName	ActivityDate
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2) Screenshot showing the successful queries frontend



The screenshot displays a web application interface with a light gray background. At the top, there is a green button labeled "Refresh Tables". Below this, the first table is titled "Table displaying the count of each event type grouped by months". It has three columns: "EventType", "Month", and "Count". The data rows are: Conference (July 2021, 1), Journal (January 2021, 1), and Book (June 2021, 1). Below the first table is the second table, titled "Table displaying the latest event's activity for each event type". It has three columns: "EventType", "EventName", and "ActivityDate". The data rows are: Conference (Test Conference, 2021-07-01), Journal (Test Journal, 2021-01-01), and Book (Test Book Call for chapters, 2021-06-01).

Refresh Tables

Table displaying the count of each event type grouped by months

EventType	Month	Count
Conference	July 2021	1
Journal	January 2021	1
Book	June 2021	1

Table displaying the latest event's activity for each event type

EventType	EventName	ActivityDate
Conference	Test Conference	2021-07-01
Journal	Test Journal	2021-01-01
Book	Test Book Call for chapters	2021-06-01