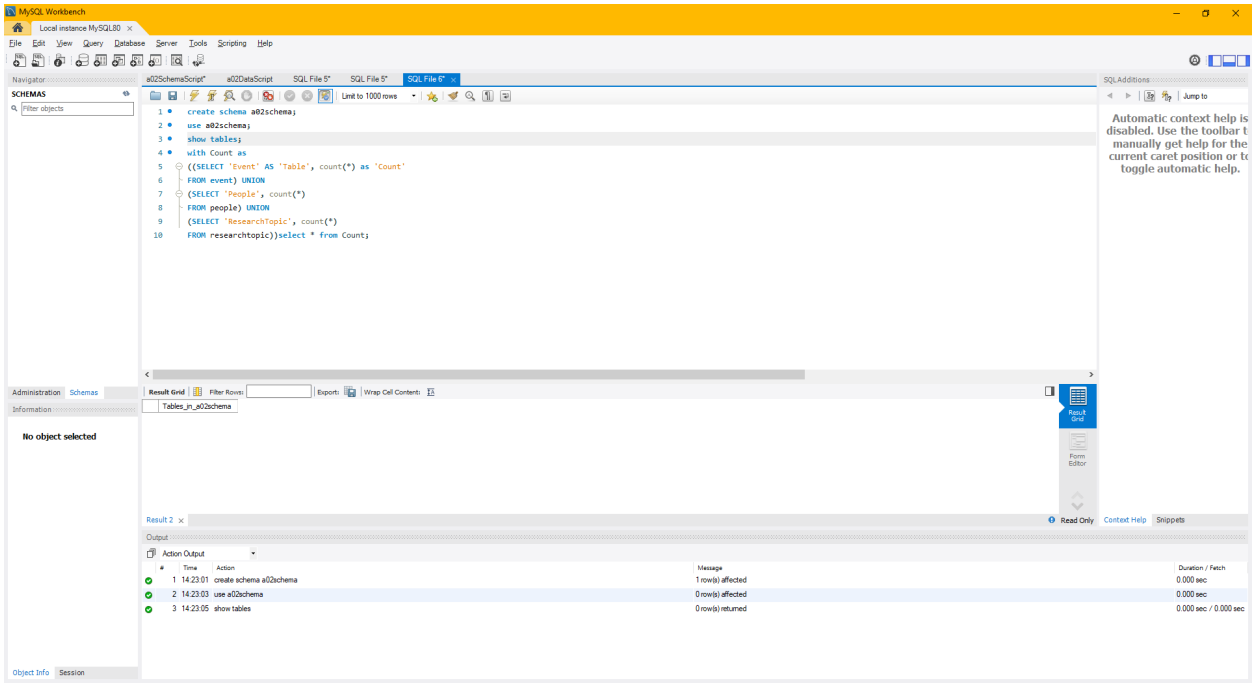
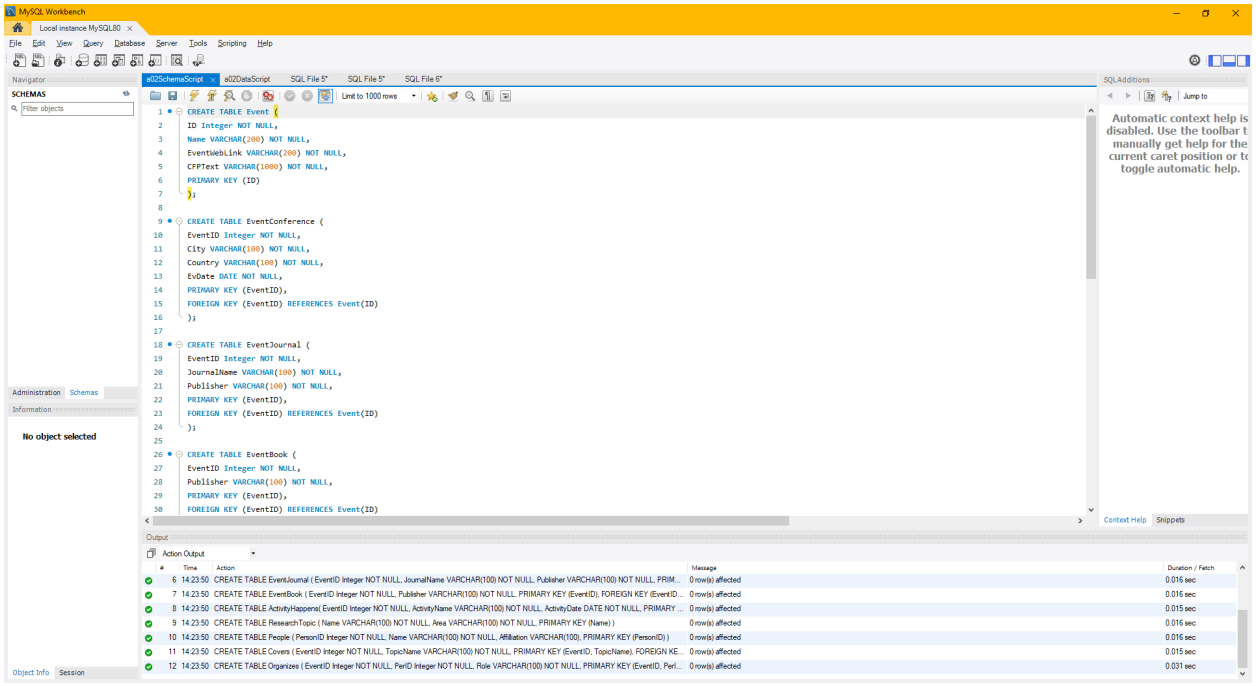
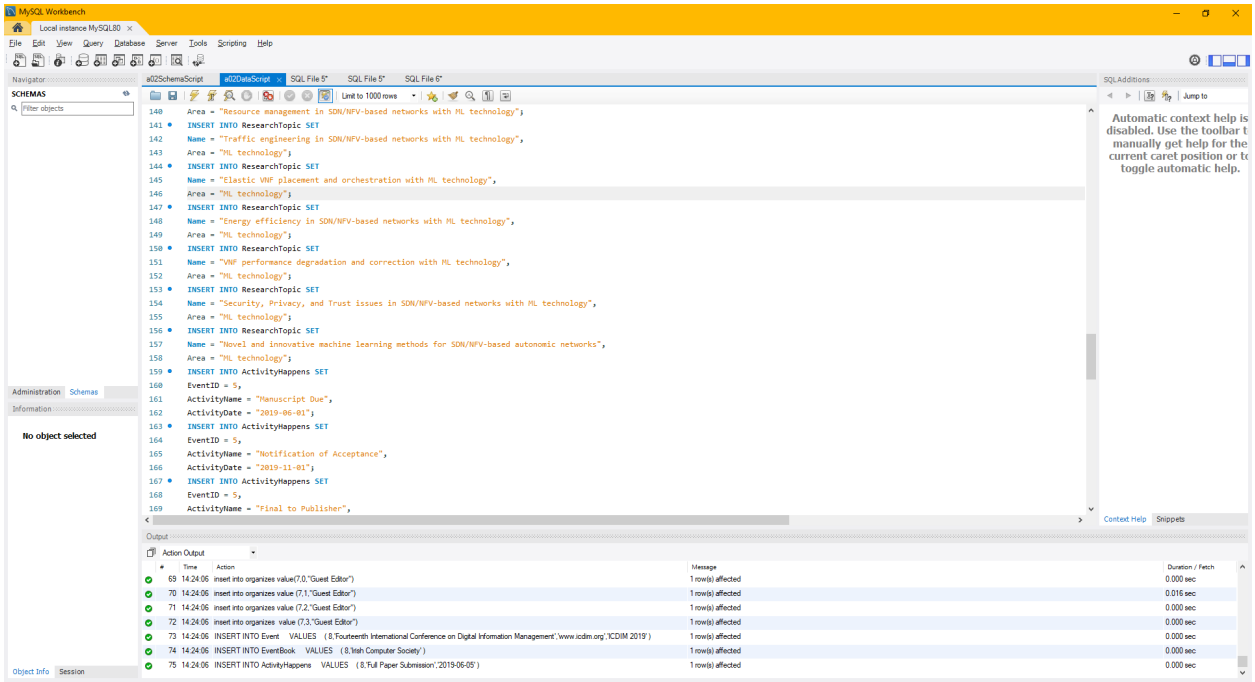
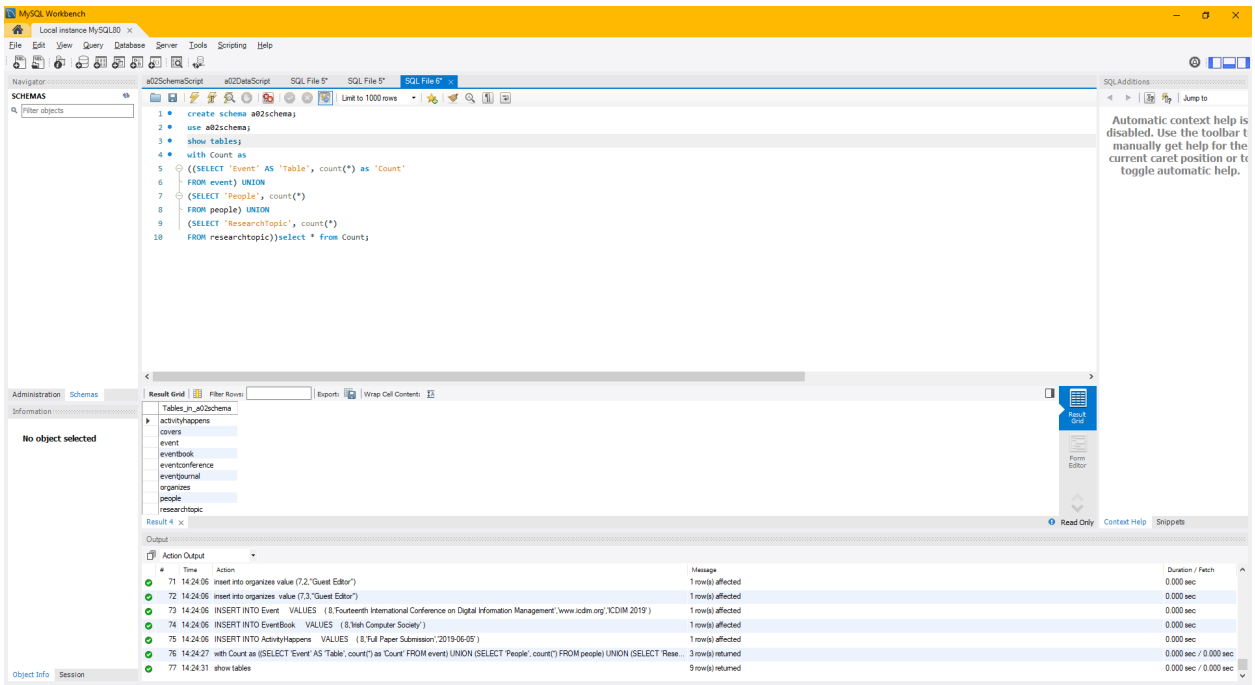
Kevin Shen
212298535
EECS 3421
Assignment 2
November 21, 2021

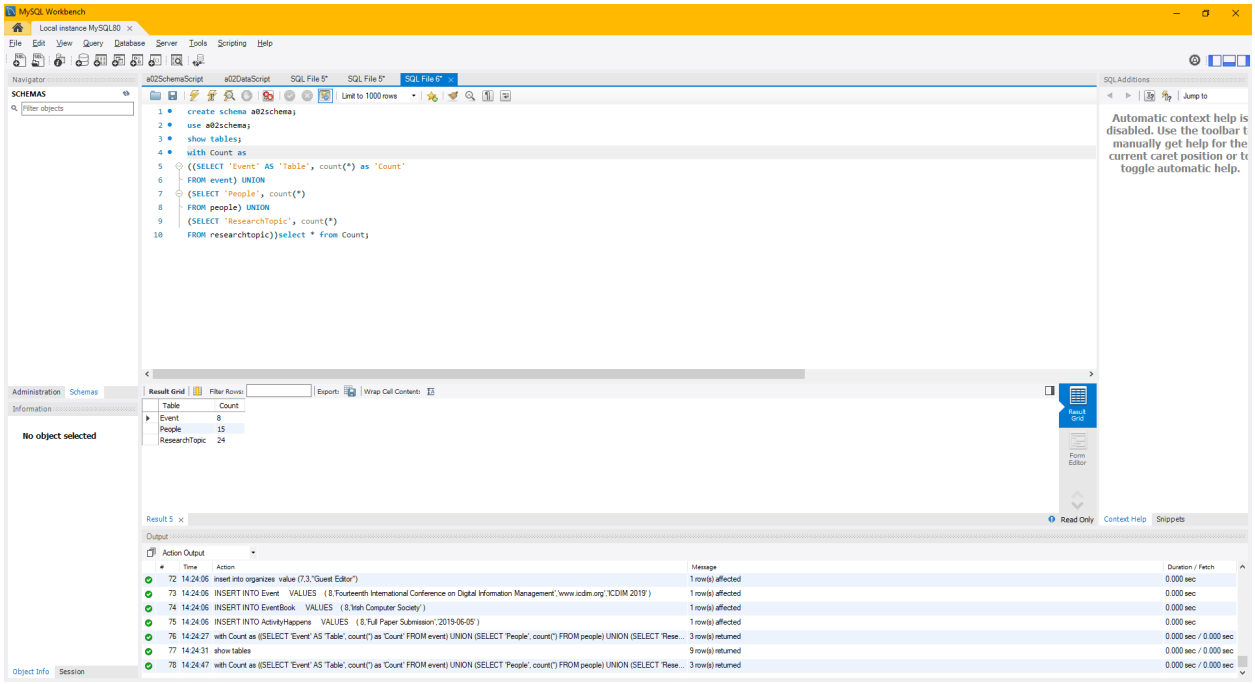
Q1)


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
a02SchemaScript* a02DataScript SQL File 5* SQL File 5* SQL File 6*
Limit to 1000 rows
1 create schema a02schema;
2 use a02schema;
3 show tables;
4 with Count as
5 ((SELECT 'Event' AS 'Table', count(*) as 'Count'
6 FROM event) UNION
7 (SELECT 'People', count(*)
8 FROM people) UNION
9 (SELECT 'ResearchTopic', count(*)
10 FROM researchtopic))select * from Count;
Result Grid Filter Rows: Export: Wrap Cell Content:
Tables_in_a02schema
Result Grid
Form Editor
Result 2
Read Only
Administration Schemas
Information
No object selected
Object Info Session
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 14:23:01 create schema a02schema 1 row(s) affected 0.000 sec
2 14:23:03 use a02schema 0 row(s) affected 0.000 sec
3 14:23:05 show tables 0 row(s) returned 0.000 sec / 0.000 sec

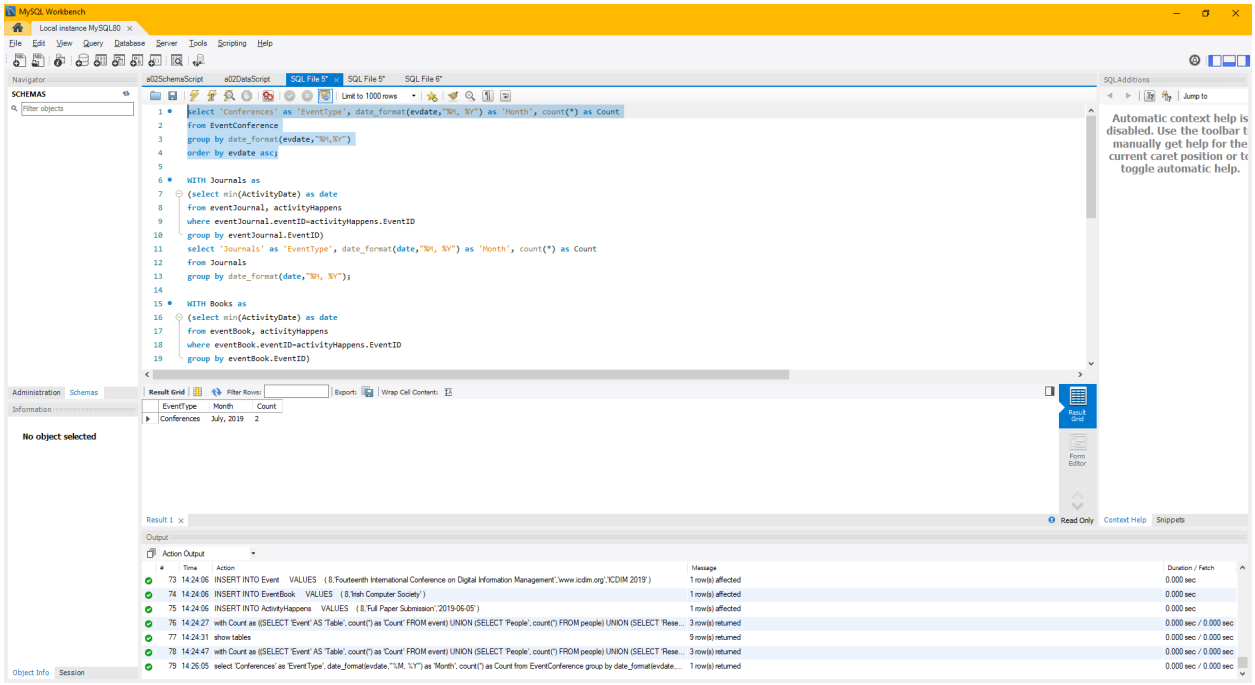

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
a02SchemaScript a02DataScript SQL File 5* SQL File 5* SQL File 6*
Limit to 1000 rows
1 CREATE TABLE Event (
2 ID Integer NOT NULL,
3 Name VARCHAR(200) NOT NULL,
4 EventWebLink VARCHAR(200) NOT NULL,
5 CFPText VARCHAR(1000) NOT NULL,
6 PRIMARY KEY (ID)
7);
8
9 CREATE TABLE EventConference (
10 EventID Integer NOT NULL,
11 City VARCHAR(100) NOT NULL,
12 Country VARCHAR(100) NOT NULL,
13 EvDate DATE NOT NULL,
14 PRIMARY KEY (EventID),
15 FOREIGN KEY (EventID) REFERENCES Event(ID)
16);
17
18 CREATE TABLE EventJournal (
19 EventID Integer NOT NULL,
20 JournalName VARCHAR(100) NOT NULL,
21 Publisher VARCHAR(100) NOT NULL,
22 PRIMARY KEY (EventID),
23 FOREIGN KEY (EventID) REFERENCES Event(ID)
24);
25
26 CREATE TABLE EventBook (
27 EventID Integer NOT NULL,
28 Publisher VARCHAR(100) NOT NULL,
29 PRIMARY KEY (EventID),
30 FOREIGN KEY (EventID) REFERENCES Event(ID)
Administration Schemas
Information
No object selected
Object Info Session
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
6 14:23:50 CREATE TABLE EventJournal (EventID Integer NOT NULL, JournalName VARCHAR(100) NOT NULL, Publisher VARCHAR(100) NOT NULL, PRIM... 0 row(s) affected 0.016 sec
7 14:23:50 CREATE TABLE EventBook (EventID Integer NOT NULL, Publisher VARCHAR(100) NOT NULL, PRIMARY KEY (EventID), FOREIGN KEY (EventID... 0 row(s) affected 0.016 sec
8 14:23:50 CREATE TABLE ActivityHappens(EventID Integer NOT NULL, ActivityName VARCHAR(100) NOT NULL, ActivityDate DATE NOT NULL, PRIMARY ... 0 row(s) affected 0.015 sec
9 14:23:50 CREATE TABLE ResearchTopic (Name VARCHAR(100) NOT NULL, Area VARCHAR(100) NOT NULL, PRIMARY KEY (Name)) 0 row(s) affected 0.016 sec
10 14:23:50 CREATE TABLE People (PersonID Integer NOT NULL, Name VARCHAR(100) NOT NULL, Affiliation VARCHAR(100), PRIMARY KEY (PersonID)) 0 row(s) affected 0.016 sec
11 14:23:50 CREATE TABLE Covers (EventID Integer NOT NULL, TopicName VARCHAR(100) NOT NULL, PRIMARY KEY (EventID, TopicName), FOREIGN KE... 0 row(s) affected 0.015 sec
12 14:23:50 CREATE TABLE Organizes (EventID Integer NOT NULL, PerID Integer NOT NULL, Role VARCHAR(100) NOT NULL, PRIMARY KEY (EventID, PerI... 0 row(s) affected 0.031 sec

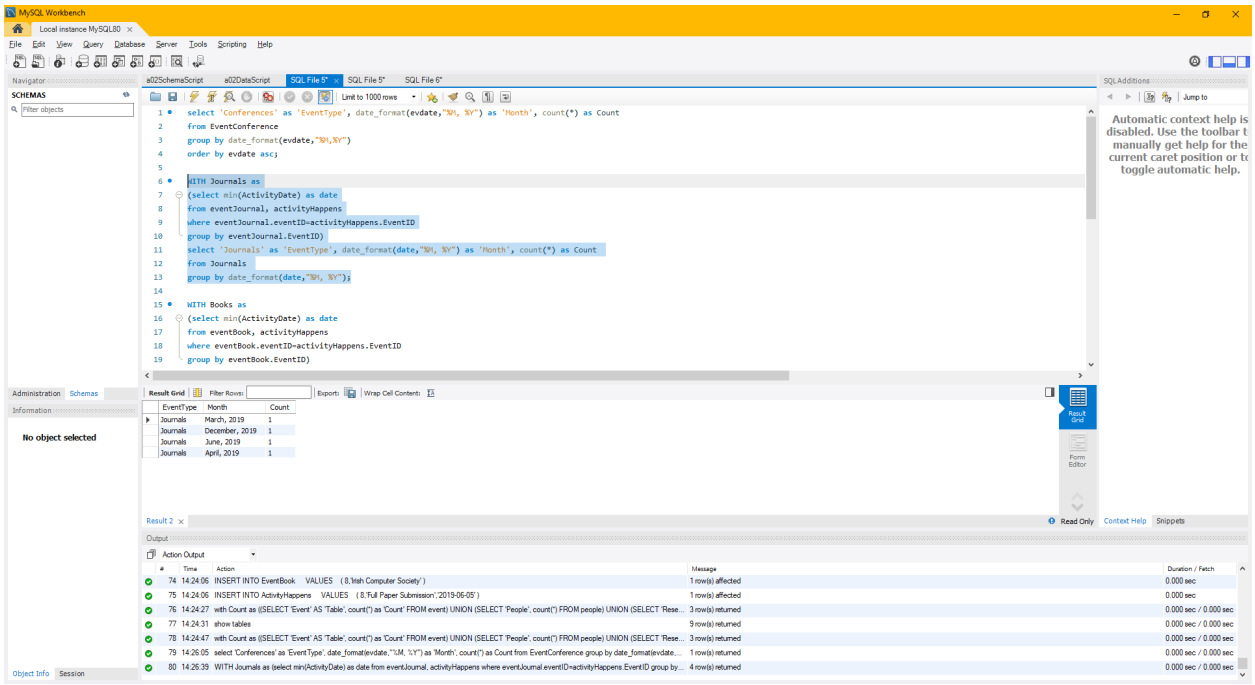

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
a02SchemaScript a02DataScript SQL File 5* SQL File 5* SQL File 6*
Limit to 1000 rows
Area = "Resource management in SDN/NFV-based networks with ML technology";
INSERT INTO ResearchTopic SET
Name = "Traffic engineering in SDN/NFV-based networks with ML technology",
Area = "ML technology";
INSERT INTO ResearchTopic SET
Name = "Elastic VNF placement and orchestration with ML technology",
Area = "ML technology";
INSERT INTO ResearchTopic SET
Name = "Energy efficiency in SDN/NFV-based networks with ML technology",
Area = "ML technology";
INSERT INTO ResearchTopic SET
Name = "VNF performance degradation and correction with ML technology",
Area = "ML technology";
INSERT INTO ResearchTopic SET
Name = "Security, Privacy, and Trust issues in SDN/NFV-based networks with ML technology",
Area = "ML technology";
INSERT INTO ResearchTopic SET
Name = "Novel and innovative machine learning methods for SDN/NFV-based autonomic networks",
Area = "ML technology";
INSERT INTO ActivityHappens SET
EventID = 5,
ActivityName = "Manuscript Due",
ActivityDate = "2019-06-01";
INSERT INTO ActivityHappens SET
EventID = 5,
ActivityName = "Notification of Acceptance",
ActivityDate = "2019-11-01";
INSERT INTO ActivityHappens SET
EventID = 5,
ActivityName = "Final to Publisher",
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
69 14:24:06 insert into organizes value(7,0,"Guest Editor") 1 row(s) affected 0.000 sec
70 14:24:06 insert into organizes value (7,1,"Guest Editor") 1 row(s) affected 0.016 sec
71 14:24:06 insert into organizes value (7,2,"Guest Editor") 1 row(s) affected 0.000 sec
72 14:24:06 insert into organizes value (7,3,"Guest Editor") 1 row(s) affected 0.000 sec
73 14:24:06 INSERT INTO Event VALUES (8,'Fourteenth International Conference on Digital Information Management','www.icdim.org','ICDIM 2019') 1 row(s) affected 0.000 sec
74 14:24:06 INSERT INTO EventBook VALUES (8,'Irish Computer Society') 1 row(s) affected 0.000 sec
75 14:24:06 INSERT INTO ActivityHappens VALUES (8,'Full Paper Submission','2019-06-05') 1 row(s) affected 0.000 sec

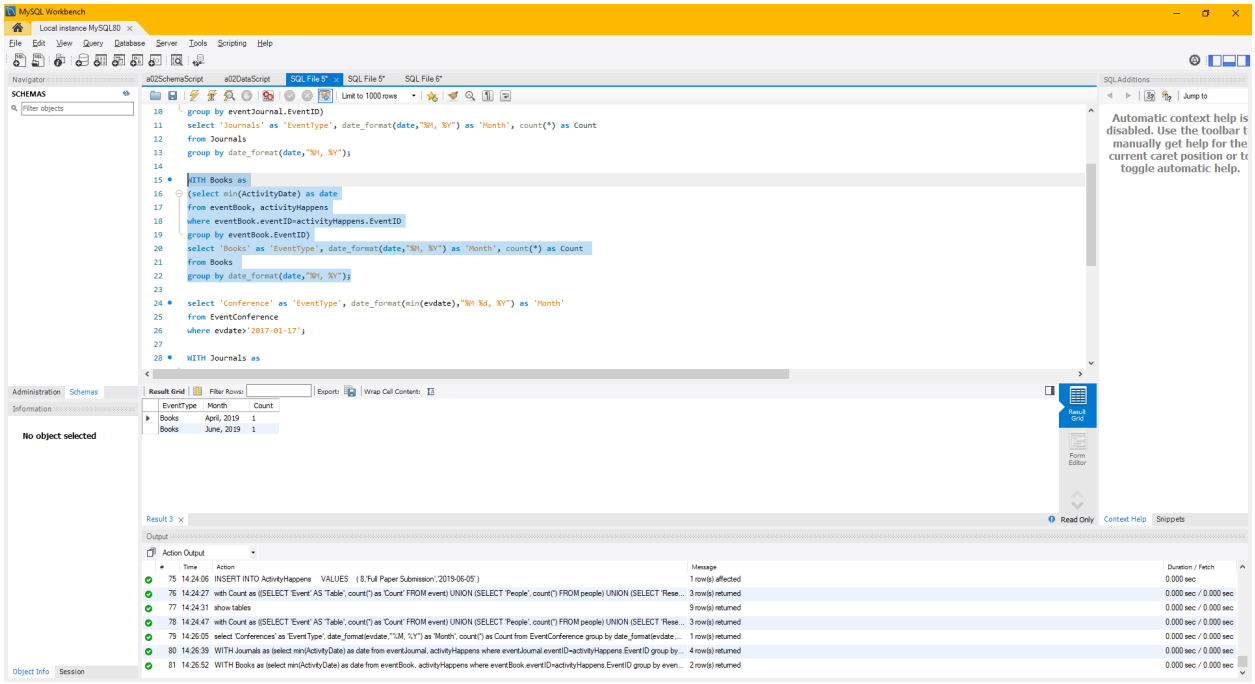

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
Administration Schemas
Information
No object selected
Object Info Session
a02SchemaScript a02DataScript SQL File 5* SQL File 5* SQL File 6*
Limit to 1000 rows
create schema a02schema;
use a02schema;
show tables;
with Count as
((SELECT 'Event' AS 'Table', count(*) as 'Count'
FROM event) UNION
(SELECT 'People', count(*)
FROM people) UNION
(SELECT 'ResearchTopic', count(*)
FROM researchtopic))select * from Count;
Result Grid Filter Rows: Export: Wrap Cell Content:
Tables_in_a02schema
activityhappens
covers
event
eventbook
eventconference
eventjournal
organizes
people
researchtopic
Result 4
Read Only
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
71 14:24:06 insert into organizes value (7,2,"Guest Editor") 1 row(s) affected 0.000 sec
72 14:24:06 insert into organizes value (7,3,"Guest Editor") 1 row(s) affected 0.000 sec
73 14:24:06 INSERT INTO Event VALUES (8,'Fourteenth International Conference on Digital Information Management','www.icdim.org','ICDIM 2019') 1 row(s) affected 0.000 sec
74 14:24:06 INSERT INTO EventBook VALUES (8,'Irish Computer Society') 1 row(s) affected 0.000 sec
75 14:24:06 INSERT INTO ActivityHappens VALUES (8,'Full Paper Submission','2019-06-05') 1 row(s) affected 0.000 sec
76 14:24:27 with Count as ((SELECT 'Event' AS 'Table', count(*) as 'Count' FROM event) UNION (SELECT 'People', count(*) FROM people) UNION (SELECT 'Rese... 3 row(s) returned 0.000 sec / 0.000 sec
77 14:24:31 show tables 9 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
a02SchemaScript
a02DataScript
SQL File 5*
SQL File 5*
SQL File 6*
Limit to 1000 rows
1 create schema a02schema;
2 use a02schema;
3 show tables;
4 with Count as
5 ((SELECT 'Event' AS 'Table', count(*) as 'Count'
6 FROM event) UNION
7 (SELECT 'People', count(*)
8 FROM people) UNION
9 (SELECT 'ResearchTopic', count(*)
10 FROM researchtopic))select * from Count;
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Administration Schemas
Information
No object selected
Object Info Session
Result Grid Filter Rows: Export: Wrap Call Content:
Table Count
Event 8
People 15
ResearchTopic 24
Result 5
Read Only
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
72 14:24:06 insert into organizes value (7,3,"Guest Editor") 1 row(s) affected 0.000 sec
73 14:24:06 INSERT INTO Event VALUES (8,'Fourteenth International Conference on Digital Information Management','www.icdim.org','ICDIM 2019') 1 row(s) affected 0.000 sec
74 14:24:06 INSERT INTO EventBook VALUES (8,'Irish Computer Society') 1 row(s) affected 0.000 sec
75 14:24:06 INSERT INTO ActivityHappens VALUES (8,'Full Paper Submission','2019-06-05') 1 row(s) affected 0.000 sec
76 14:24:27 with Count as ((SELECT 'Event' AS 'Table', count(*) as 'Count' FROM event) UNION (SELECT 'People', count(*) FROM people) UNION (SELECT 'Rese... 3 row(s) returned 0.000 sec / 0.000 sec
77 14:24:31 show tables 9 row(s) returned 0.000 sec / 0.000 sec
78 14:24:47 with Count as ((SELECT 'Event' AS 'Table', count(*) as 'Count' FROM event) UNION (SELECT 'People', count(*) FROM people) UNION (SELECT 'Rese... 3 row(s) returned 0.000 sec / 0.000 sec

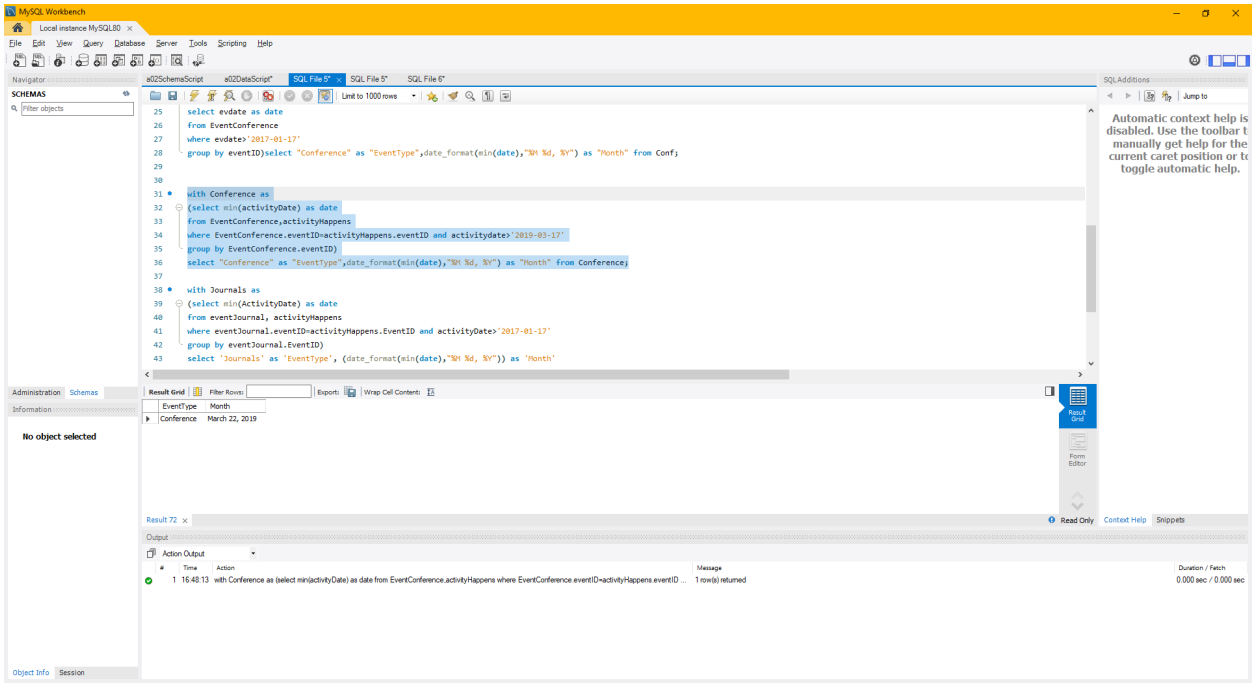
Q2a)

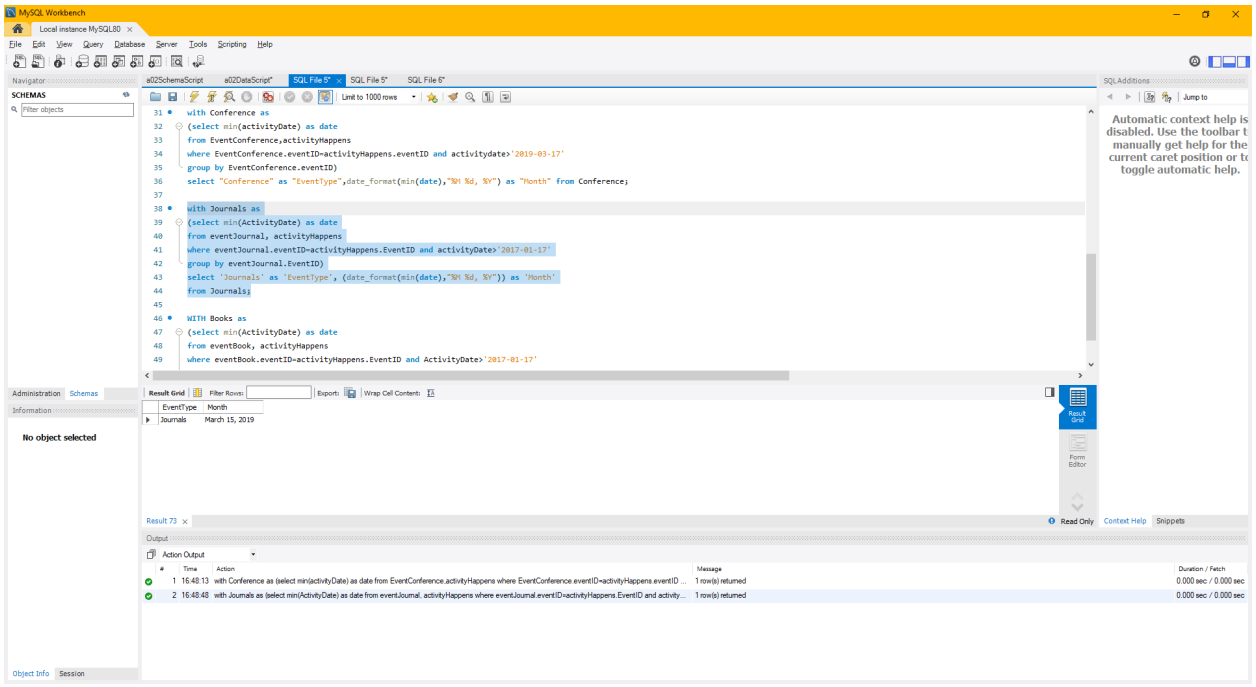

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
a02SchemaScript
a02DataScript
SQL File 5*
SQL File 5*
SQL File 6*
Limit to 1000 rows
1 select 'Conferences' as 'EventType', date_format(evdate,"%M, %Y") as 'Month', count(*) as Count
2 from EventConference
3 group by date_format(evdate,"%M,%Y")
4 order by evdate asc;
5
6 WITH Journals as
7 (select min(ActivityDate) as date
8 from eventJournal, activityHappens
9 where eventJournal.eventID=activityHappens.EventID
10 group by eventJournal.EventID)
11 select 'Journals' as 'EventType', date_format(date,"%M, %Y") as 'Month', count(*) as Count
12 from Journals
13 group by date_format(date,"%M, %Y");
14
15 WITH Books as
16 (select min(ActivityDate) as date
17 from eventBook, activityHappens
18 where eventBook.eventID=activityHappens.EventID
19 group by eventBook.EventID)
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Administration Schemas
Information
No object selected
Object Info Session
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
EventType Month Count
Conferences July, 2019 2
Result 1
Read Only
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
73 14:24:06 INSERT INTO Event VALUES (8,'Fourteenth International Conference on Digital Information Management','www.icdim.org','ICDIM 2019') 1 row(s) affected 0.000 sec
74 14:24:06 INSERT INTO EventBook VALUES (8,'Irish Computer Society') 1 row(s) affected 0.000 sec
75 14:24:06 INSERT INTO ActivityHappens VALUES (8,'Full Paper Submission','2019-06-05') 1 row(s) affected 0.000 sec
76 14:24:27 with Count as ((SELECT 'Event' AS 'Table', count(*) as 'Count' FROM event) UNION (SELECT 'People', count(*) FROM people) UNION (SELECT 'Rese... 3 row(s) returned 0.000 sec / 0.000 sec
77 14:24:31 show tables 9 row(s) returned 0.000 sec / 0.000 sec
78 14:24:47 with Count as ((SELECT 'Event' AS 'Table', count(*) as 'Count' FROM event) UNION (SELECT 'People', count(*) FROM people) UNION (SELECT 'Rese... 3 row(s) returned 0.000 sec / 0.000 sec
79 14:26:05 select 'Conferences' as 'EventType', date_format(evdate,"%M, %Y") as 'Month', count(*) as Count from EventConference group by date_format(evdate,... 1 row(s) returned 0.000 sec / 0.000 sec

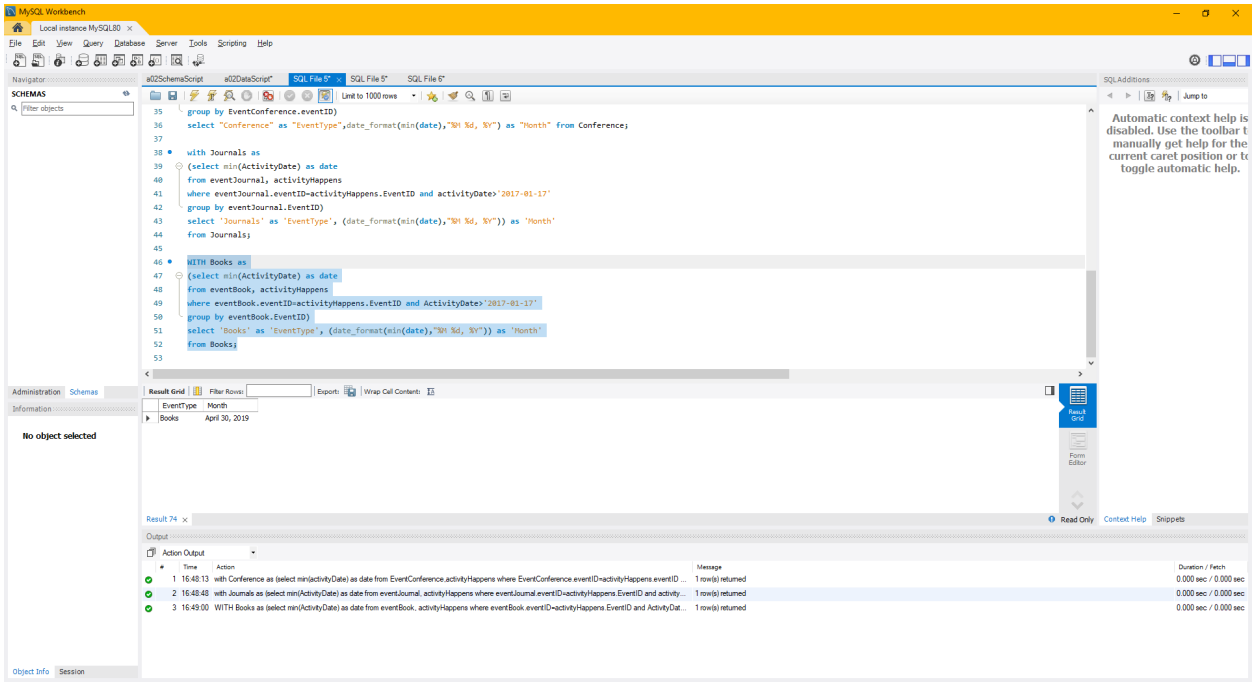

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
a02SchemaScript
a02DataScript
SQL File 5*
SQL File 5*
SQL File 6*
Limit to 1000 rows
1 select 'Conferences' as 'EventType', date_format(evdate,"%M, %Y") as 'Month', count(*) as Count
2 from EventConference
3 group by date_format(evdate,"%M,%Y")
4 order by evdate asc;
5
6 WITH Journals as
7 (select min(ActivityDate) as date
8 from eventJournal, activityHappens
9 where eventJournal.eventID=activityHappens.EventID
10 group by eventJournal.EventID)
11 select 'Journals' as 'EventType', date_format(date,"%M, %Y") as 'Month', count(*) as Count
12 from Journals
13 group by date_format(date,"%M, %Y");
14
15 WITH Books as
16 (select min(ActivityDate) as date
17 from eventBook, activityHappens
18 where eventBook.eventID=activityHappens.EventID
19 group by eventBook.EventID)
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Administration Schemas
Information
No object selected
Object Info Session
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
EventType Month Count
Journals March, 2019 1
Journals December, 2019 1
Journals June, 2019 1
Journals April, 2019 1
Result 2
Read Only
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
74 14:24:06 INSERT INTO EventBook VALUES (8,'Irish Computer Society') 1 row(s) affected 0.000 sec
75 14:24:06 INSERT INTO ActivityHappens VALUES (8,'Full Paper Submission','2019-06-05') 1 row(s) affected 0.000 sec
76 14:24:27 with Count as ((SELECT 'Event' AS 'Table', count(*) as 'Count' FROM event) UNION (SELECT 'People', count(*) FROM people) UNION (SELECT 'Rese... 3 row(s) returned 0.000 sec / 0.000 sec
77 14:24:31 show tables 9 row(s) returned 0.000 sec / 0.000 sec
78 14:24:47 with Count as ((SELECT 'Event' AS 'Table', count(*) as 'Count' FROM event) UNION (SELECT 'People', count(*) FROM people) UNION (SELECT 'Rese... 3 row(s) returned 0.000 sec / 0.000 sec
79 14:26:05 select 'Conferences' as 'EventType', date_format(evdate,"%M, %Y") as 'Month', count(*) as Count from EventConference group by date_format(evdate,... 1 row(s) returned 0.000 sec / 0.000 sec
80 14:26:39 WITH Journals as (select min(ActivityDate) as date from eventJournal, activityHappens where eventJournal.eventID=activityHappens.EventID group by... 4 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
a02SchemaScript
a02DataScript
SQL File 5*
SQL File 5*
SQL File 6*
Limit to 1000 rows
group by eventJournal.EventID)
select 'Journals' as 'EventType', date_format(date,"%M, %Y") as 'Month', count(*) as Count
from Journals
group by date_format(date,"%M, %Y");
WITH Books as
(select min(ActivityDate) as date
from eventBook, activityHappens
where eventBook.eventID=activityHappens.EventID
group by eventBook.EventID)
select 'Books' as 'EventType', date_format(date,"%M, %Y") as 'Month', count(*) as Count
from Books
group by date_format(date,"%M, %Y");
select 'Conference' as 'EventType', date_format(min(evdate),"%M %d, %Y") as 'Month'
from EventConference
where evdate>'2017-01-17';
WITH Journals as
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Administration Schemas
Information
No object selected
Object Info Session
Result Grid Filter Rows: Export: Wrap Call Content:
EventType Month Count
Books April, 2019 1
Books June, 2019 1
Result Grid
Form Editor
Result 3
Read Only
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
75 14:24:06 INSERT INTO ActivityHappens VALUES (8,'Full Paper Submission','2019-06-05') 1 row(s) affected 0.000 sec
76 14:24:27 with Count as ((SELECT 'Event' AS 'Table', count(*) as 'Count' FROM event) UNION (SELECT 'People', count(*) FROM people) UNION (SELECT 'Rese... 3 row(s) returned 0.000 sec / 0.000 sec
77 14:24:31 show tables 9 row(s) returned 0.000 sec / 0.000 sec
78 14:24:47 with Count as ((SELECT 'Event' AS 'Table', count(*) as 'Count' FROM event) UNION (SELECT 'People', count(*) FROM people) UNION (SELECT 'Rese... 3 row(s) returned 0.000 sec / 0.000 sec
79 14:26:05 select 'Conferences' as 'EventType', date_format(evdate,"%M, %Y") as 'Month', count(*) as Count from EventConference group by date_format(evdate,... 1 row(s) returned 0.000 sec / 0.000 sec
80 14:26:39 WITH Journals as (select min(ActivityDate) as date from eventJournal, activityHappens where eventJournal.eventID=activityHappens.EventID group by... 4 row(s) returned 0.000 sec / 0.000 sec
81 14:26:52 WITH Books as (select min(ActivityDate) as date from eventBook, activityHappens where eventBook.eventID=activityHappens.EventID group by even... 2 row(s) returned 0.000 sec / 0.000 sec

Q2B)

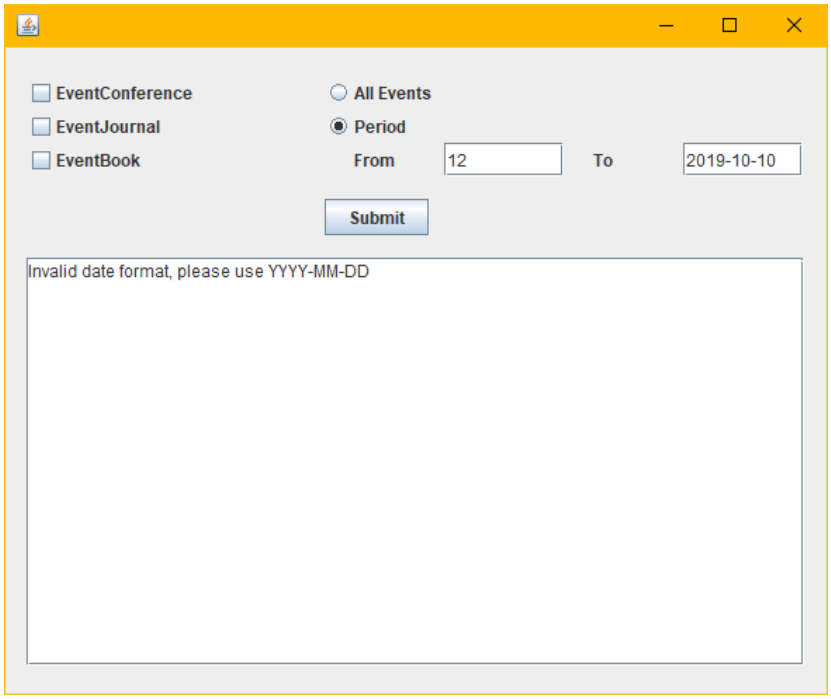

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
a02SchemaScript
a02DataScript*
SQL File 5*
SQL File 5*
SQL File 6*
Limit to 1000 rows
select evdate as date
from EventConference
where evdate>'2017-01-17'
group by eventID)select "Conference" as "EventType",date_format(min(date),"%M %d, %Y") as "Month" from Conf;
with Conference as
(select min(activityDate) as date
from EventConference,activityHappens
where EventConference.eventID=activityHappens.eventID and activitydate>'2019-03-17'
group by EventConference.eventID)
select "Conference" as "EventType",date_format(min(date),"%M %d, %Y") as "Month" from Conference;
with Journals as
(select min(ActivityDate) as date
from eventJournal, activityHappens
where eventJournal.eventID=activityHappens.EventID and activityDate>'2017-01-17'
group by eventJournal.EventID)
select 'Journals' as 'EventType', (date_format(min(date),"%M %d, %Y")) as 'Month'
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Administration Schemas
Information
No object selected
Object Info Session
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
EventType Month
Conference March 22, 2019
Result 72
Read Only
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 16:48:13 with Conference as (select min(activityDate) as date from EventConference,activityHappens where EventConference.eventID=activityHappens.eventID ... 1 row(s) returned 0.000 sec / 0.000 sec


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
a02SchemaScript
a02DataScript*
SQL File 5*
SQL File 5*
SQL File 6*
Limit to 1000 rows
with Conference as
(select min(activityDate) as date
from EventConference,activityHappens
where EventConference.eventID=activityHappens.eventID and activitydate>'2019-03-17'
group by EventConference.eventID)
select "Conference" as "EventType",date_format(min(date),"%M %d, %Y") as "Month" from Conference;
with Journals as
(select min(ActivityDate) as date
from eventJournal, activityHappens
where eventJournal.eventID=activityHappens.EventID and activityDate>'2017-01-17'
group by eventJournal.EventID)
select 'Journals' as 'EventType', (date_format(min(date),"%M %d, %Y")) as 'Month'
from Journals;
WITH Books as
(select min(ActivityDate) as date
from eventBook, activityHappens
where eventBook.eventID=activityHappens.EventID and ActivityDate>'2017-01-17'
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Administration Schemas
Information
No object selected
Object Info Session
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
EventType Month
Journals March 15, 2019
Result 73
Read Only
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 16:48:13 with Conference as (select min(activityDate) as date from EventConference,activityHappens where EventConference.eventID=activityHappens.eventID ... 1 row(s) returned 0.000 sec / 0.000 sec
2 16:48:48 with Journals as (select min(ActivityDate) as date from eventJournal, activityHappens where eventJournal.eventID=activityHappens.EventID and activity... 1 row(s) returned 0.000 sec / 0.000 sec

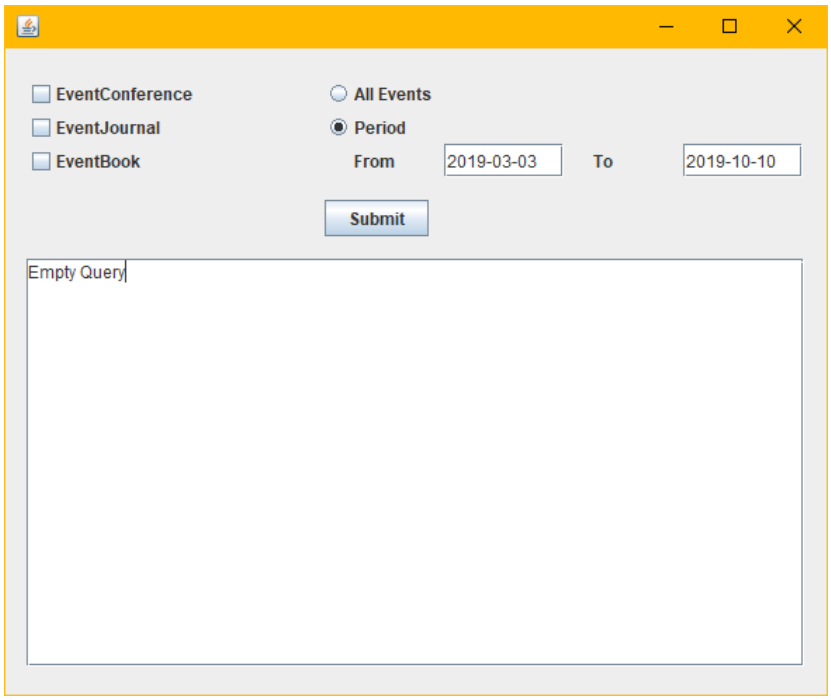

MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
a02SchemaScript
a02DataScript*
SQL File 5*
SQL File 5*
SQL File 6*
Limit to 1000 rows
group by EventConference.eventID)
select "Conference" as "EventType",date_format(min(date),"%M %d, %Y") as "Month" from Conference;
with Journals as
(select min(ActivityDate) as date
from eventJournal, activityHappens
where eventJournal.eventID=activityHappens.EventID and activityDate>'2017-01-17'
group by eventJournal.EventID)
select 'Journals' as 'EventType', (date_format(min(date),"%M %d, %Y")) as 'Month'
from Journals;
WITH Books as
(select min(ActivityDate) as date
from eventBook, activityHappens
where eventBook.eventID=activityHappens.EventID and ActivityDate>'2017-01-17'
group by eventBook.EventID)
select 'Books' as 'EventType', (date_format(min(date),"%M %d, %Y")) as 'Month'
from Books;
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Administration Schemas
Information
No object selected
Result Grid
Filter Rows:
Export:
Wrap Call Content:
EventType Month
Books April 30, 2019
Result Grid
Form Editor
Result 74
Read Only
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 16:48:13 with Conference as (select min(activityDate) as date from EventConference,activityHappens where EventConference.eventID=activityHappens.eventID ... 1 row(s) returned 0.000 sec / 0.000 sec
2 16:48:48 with Journals as (select min(ActivityDate) as date from eventJournal, activityHappens where eventJournal.eventID=activityHappens.EventID and activity... 1 row(s) returned 0.000 sec / 0.000 sec
3 16:49:00 WITH Books as (select min(ActivityDate) as date from eventBook, activityHappens where eventBook.eventID=activityHappens.EventID and ActivityDat... 1 row(s) returned 0.000 sec / 0.000 sec
Object Info Session

Q4) I assumed the queries use evDate for EventConferences and ActivityDate for EventJournals and EventBooks, as per requirements for Q2A.

Zero Checkboxes Selected

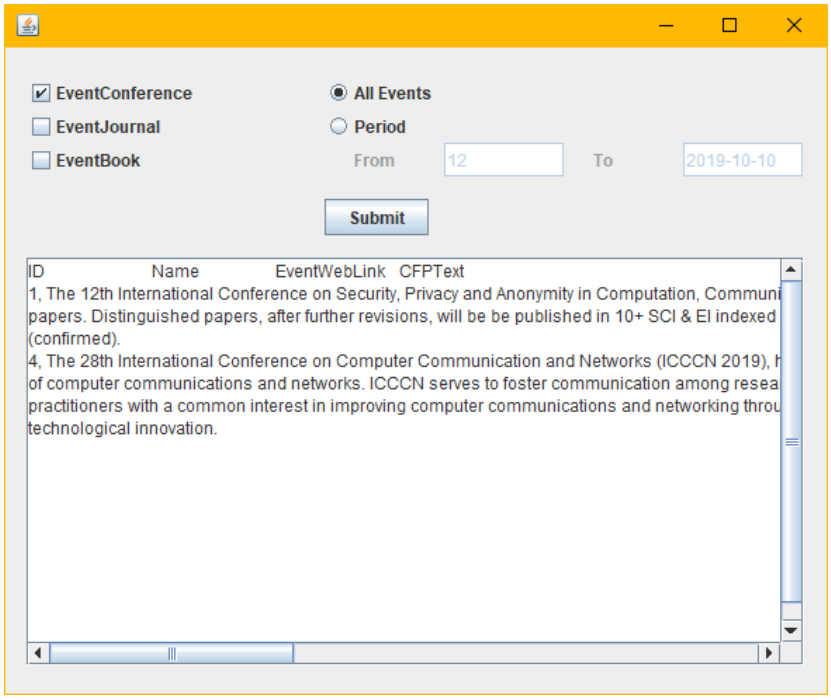


Error handling for date format

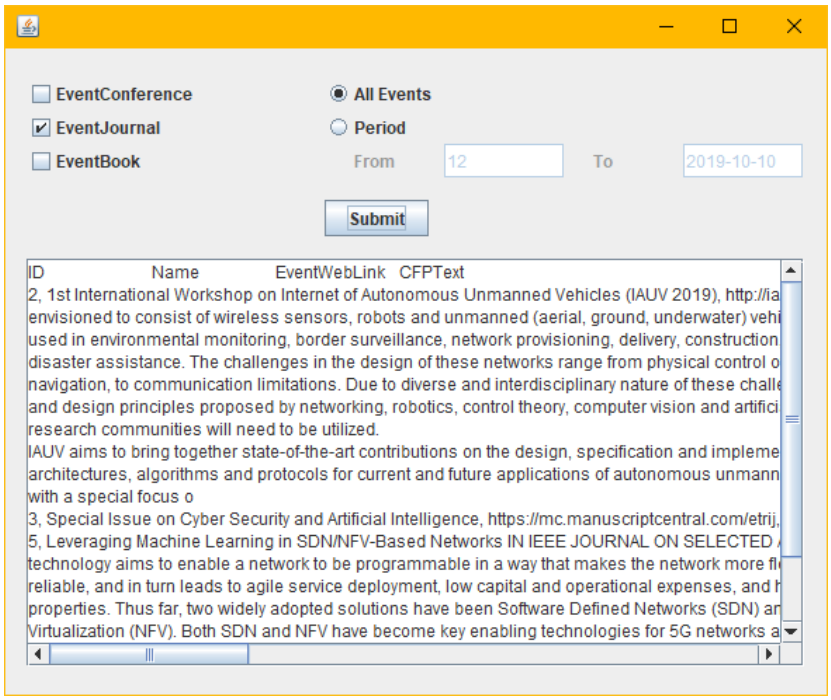


No boxes selected

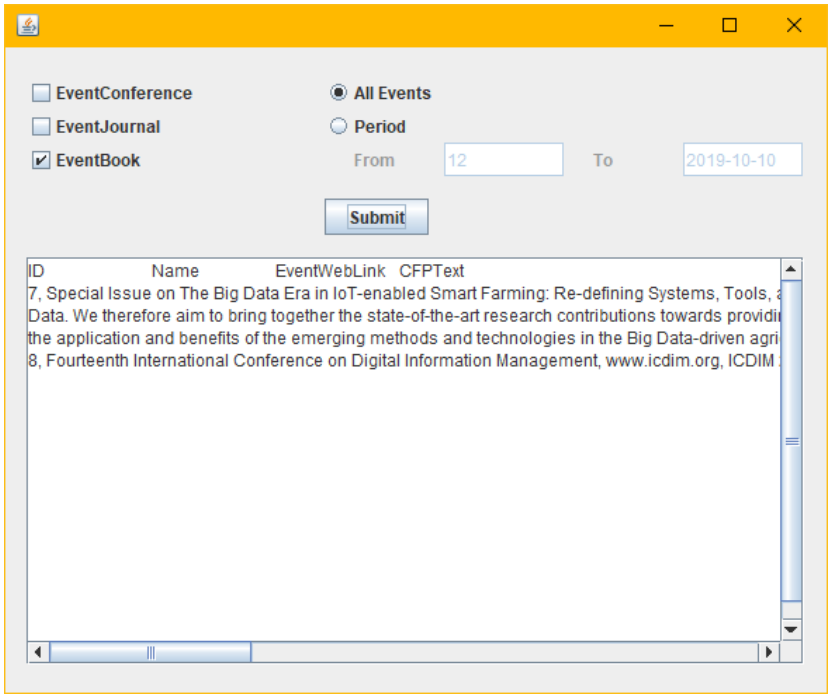
One Checkbox selected



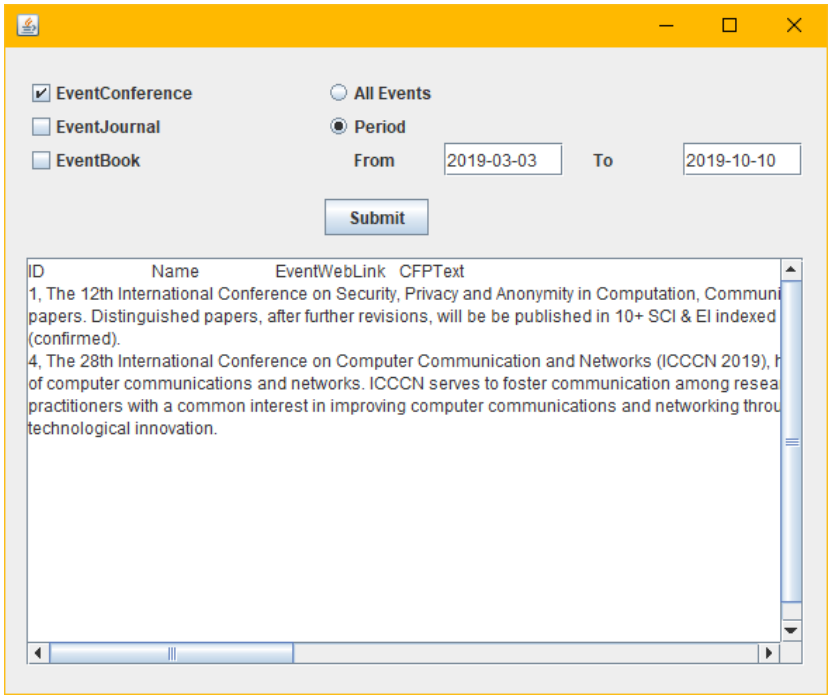
Conference + all dates



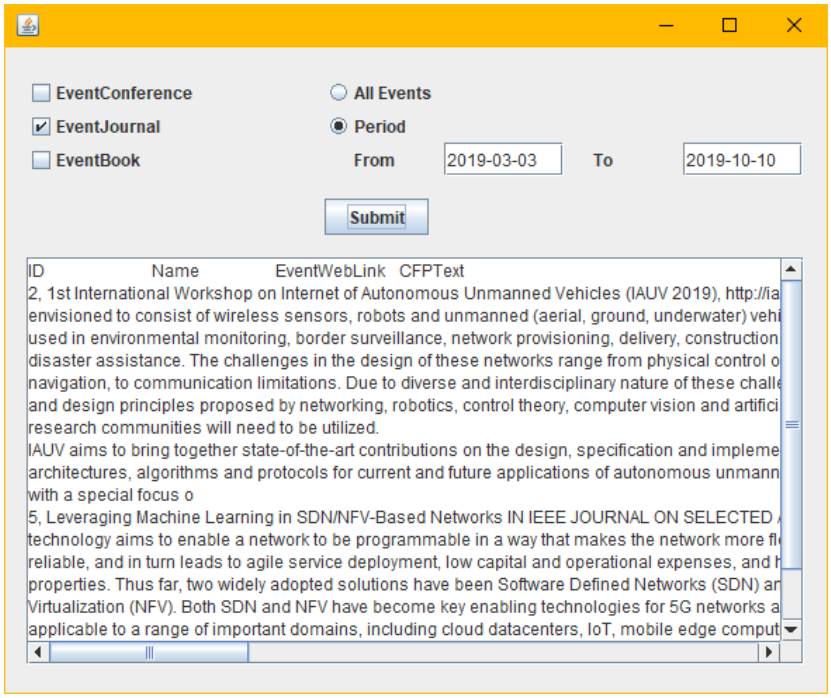
Journal + all dates



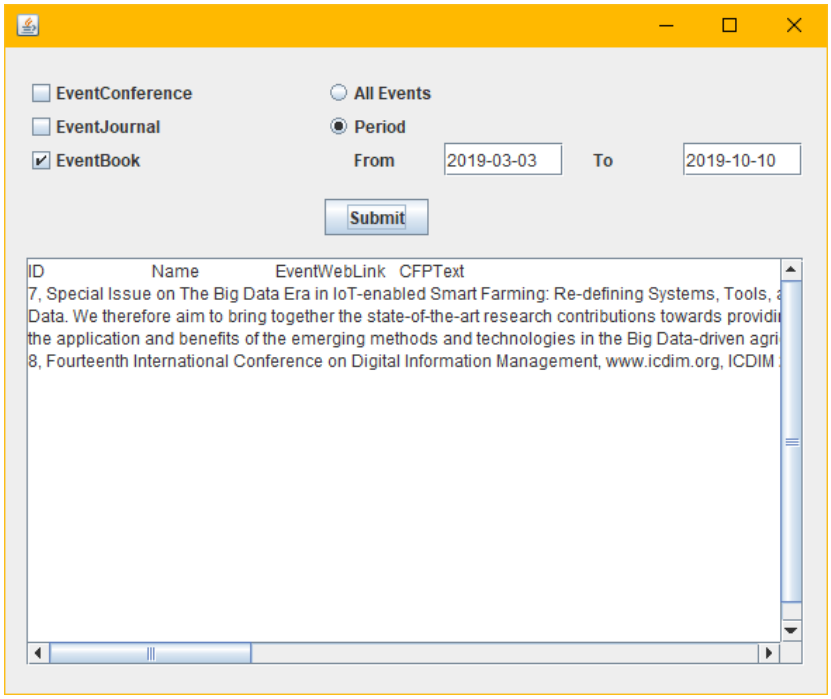
Book + all dates



Conference + selected dates

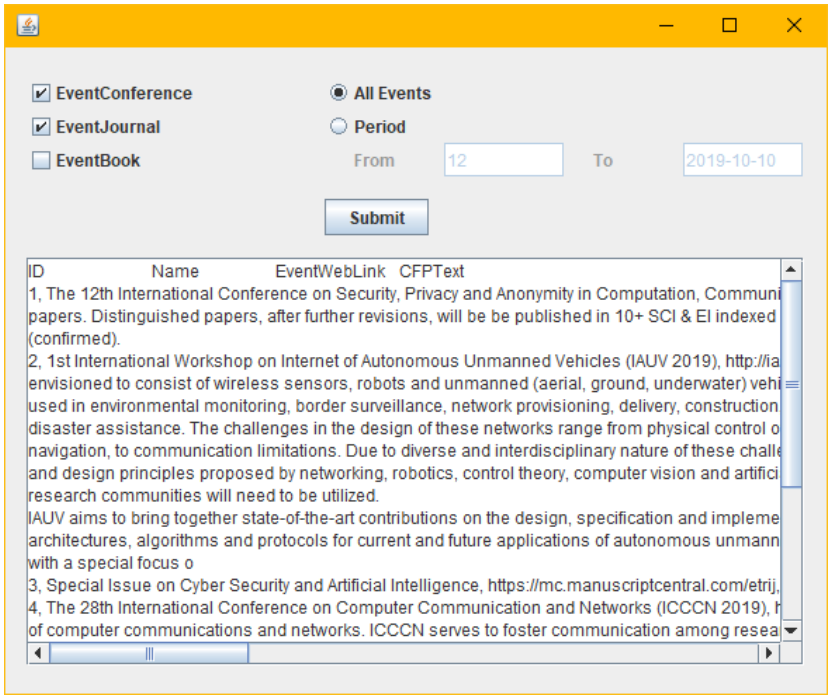


Journal + selected dates

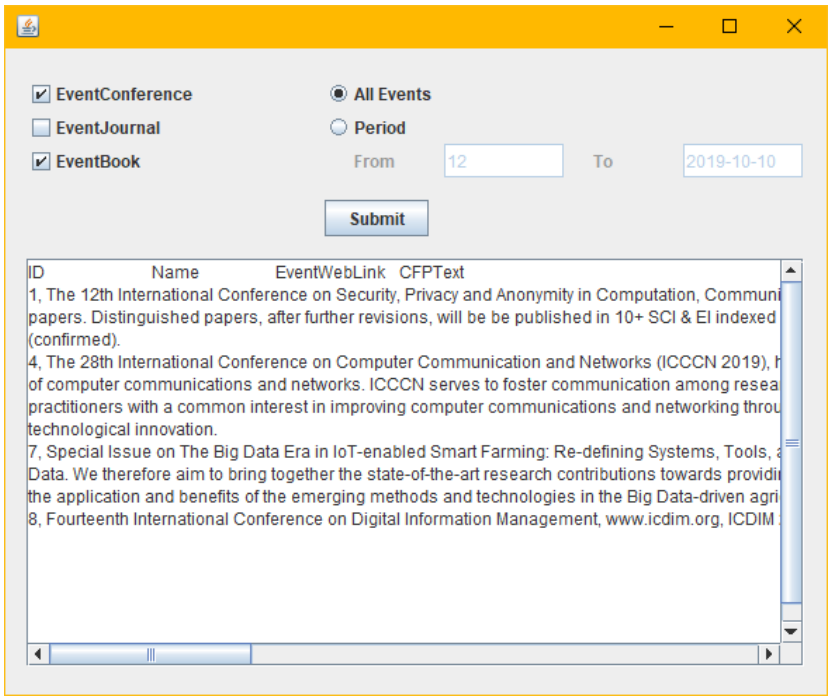


Book + selected dates

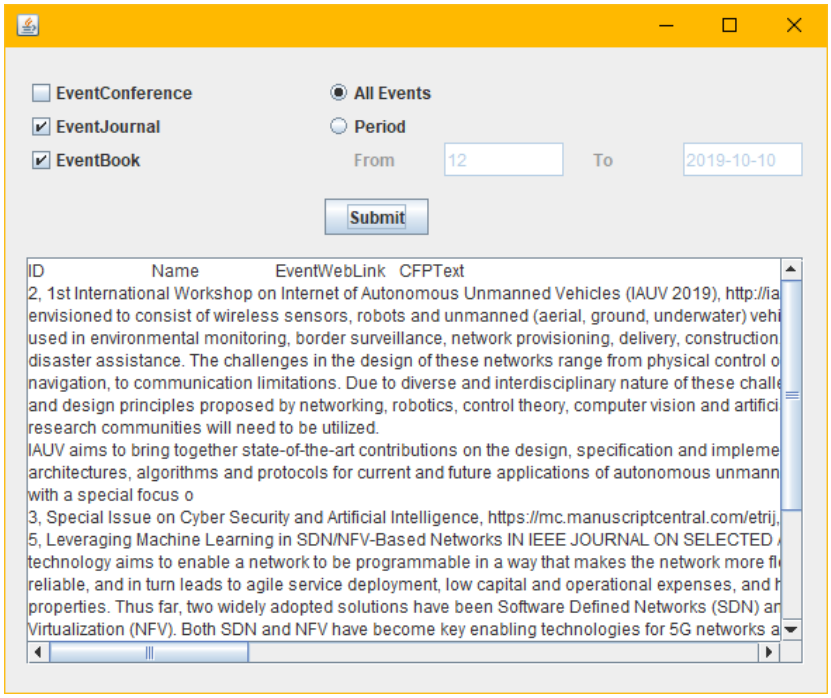
2 Checkboxes selected



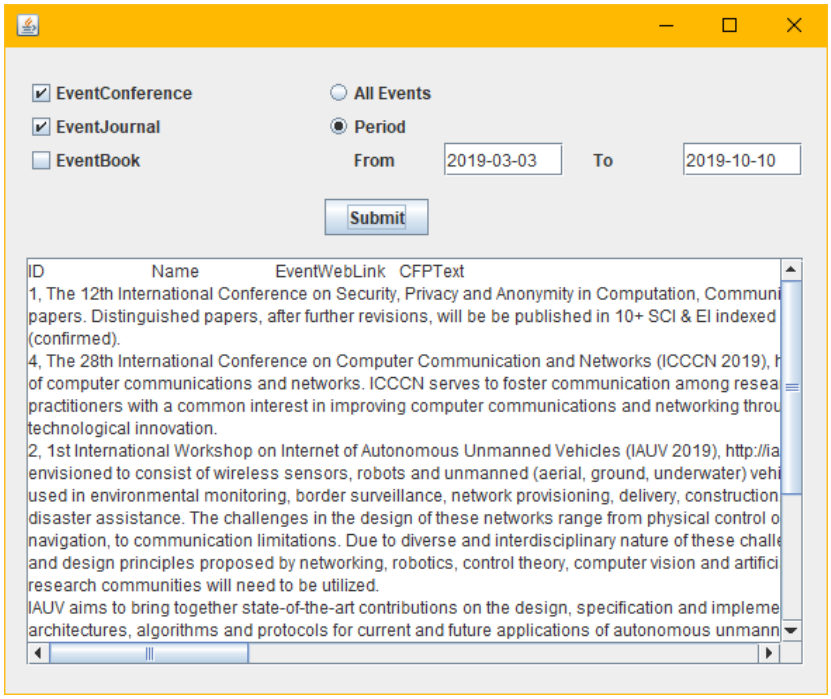
Conference + Journal + all dates



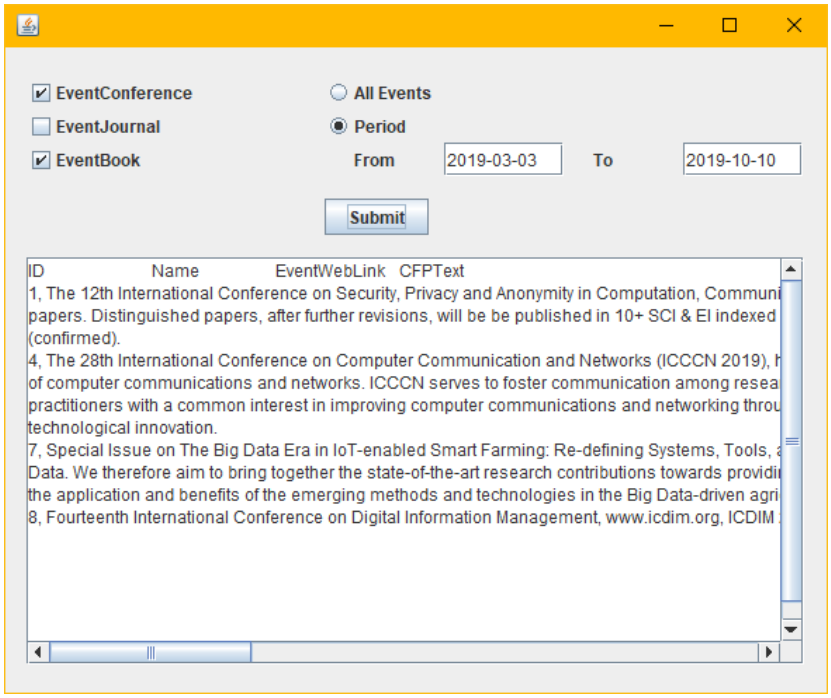
Conference + Book + all dates



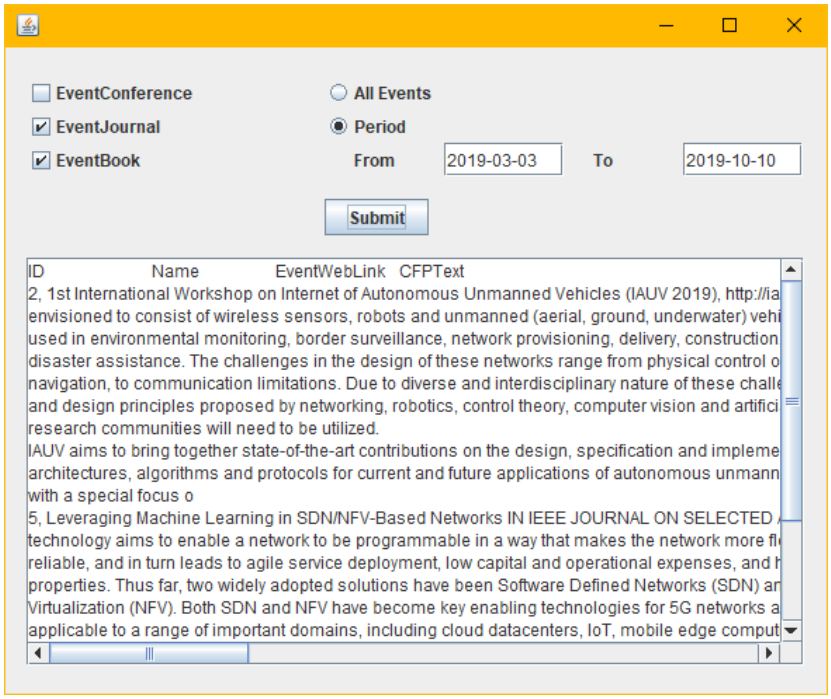
Journal + Book + all dates



Conference + Journal + selected dates

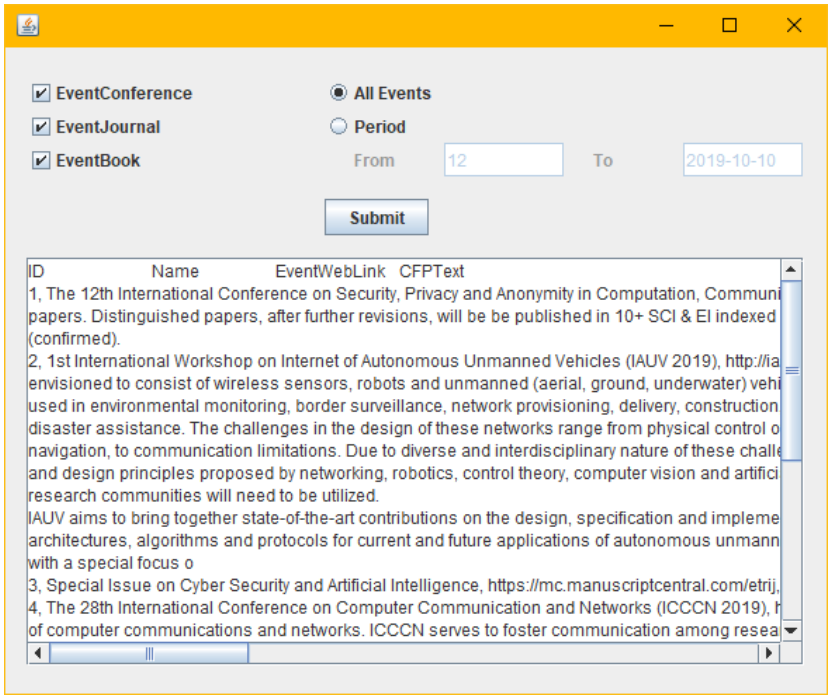


Conference + Book + selected dates

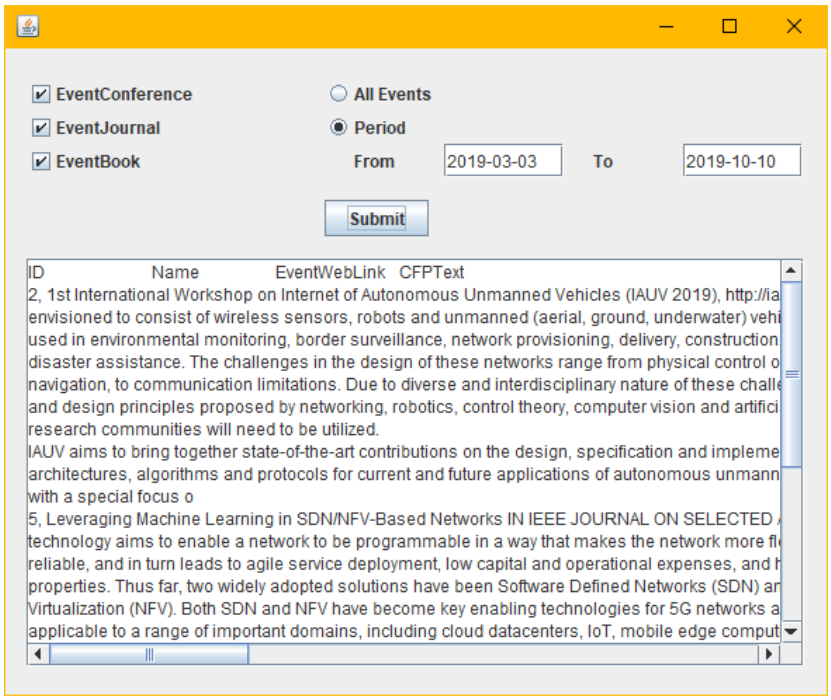


Journal + Book + selected dates

3 Checkboxes selected



All dates



Selected dates