

JDBC Presentation CSCI 331 Fall 2020

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Erik's Stored Procedures and Queries



Project3.LoadQueensCourseSchedule

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PR0123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project3.LoadData(?) }
```

Output:

TableStatus	TableName	Row Count
'Pre-truncate of tables'	Course Class	0
'Pre-truncate of tables'	Course Course	0
'Pre-truncate of tables'	Department.Instructor	0
'Pre-truncate of tables'	Course ModeofInstruction	0
'Pre-truncate of tables'	Department.Department	0
'Pre-truncate of tables'	Location.BldgLocation	0
'Pre-truncate of tables'	Location.RoomLocation	0
'Pre-truncate of tables'	DbSecurity.UserAuthorization	7
'Pre-truncate of tables'	Process.WorkflowSteps	4

TableStatus	TableName	Row Count
Row Count after loading	Course Class	4522
Row Count after loading	Course Course	1628
Row Count after loading	Department.Instructor	1756
Row Count after loading	Course ModeofInstruction	5
Row Count after loading	Department.Department	86
Row Count after loading	Location.BldgLocation	319
Row Count after loading	Location.RoomLocation	319
Row Count after loading	DbSecurity.UserAuthorization	7
Row Count after loading	Process.WorkflowSteps	16



Process.ShowWorkflowSteps

SQLtoIDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PR0123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Process.usp_ShowWorkflowSteps() }
```

Output:

WorkflowStepKey	WorkflowStepDescription	WorkflowStepTableRowCount	StartingDateTime	EndingDateTime	Class Time	UserAuthorizationKey
1	Drop Foreign Keys	0	2020-12-11 03:43:01.0181505	2020-12-11 03:43:01.0720343	10:45	1
2	Truncate Data	0	2020-12-11 03:43:02.6179722	2020-12-11 03:43:02.6428331	10:45	1
3	Add Foreign Keys	0	2020-12-11 03:43:04.2163453	2020-12-11 03:43:04.2704289	10:45	1
4	Drop Foreign Keys	0	2020-12-11 03:43:16.0329686	2020-12-11 03:43:16.0626378	10:45	1
5	Procedure: [Project3].[ShowStatusRowCount] 1...	0	2020-12-11 03:43:16.0908993	2020-12-11 03:43:16.0908993	10:45	1
6	Truncate Data	0	2020-12-11 03:43:16.0950332	2020-12-11 03:43:16.1157494	10:45	1
7	Loads data into [Course].[ModeOfInstruction]	5	2020-12-11 03:43:16.1198812	2020-12-11 03:43:16.1323533	10:45	1
8	Loads data into [Project3].[ModeOfInstruction]	1628	2020-12-11 03:43:16.1448089	2020-12-11 03:43:16.1864063	10:45	6
9	Loads data into [Project3].[Class]	4522	2020-12-11 03:43:16.2278733	2020-12-11 03:43:16.3313761	10:45	5
10	Loads data into [Department].[Department]	86	2020-12-11 03:43:16.3729498	2020-12-11 03:43:16.3878161	10:45	2
11	Loads data into [Department].[ModeOfInstruction]	1756	2020-12-11 03:43:16.4226368	2020-12-11 03:43:16.5554601	10:45	4
12	Loads data into [Project3].[RoomLocation]	319	2020-12-11 03:43:16.5762451	2020-12-11 03:43:16.6053311	10:45	3
13	Loads data into [Location].[BuildingLocation]	319	2020-12-11 03:43:16.6384295	2020-12-11 03:43:16.6967709	10:45	7
14	Procedure: [Project3].[ShowStatusRowCount] 1...	0	2020-12-11 03:43:16.7050533	2020-12-11 03:43:16.7133508	10:45	1
15	Add Foreign Keys	0	2020-12-11 03:43:16.7174645	2020-12-11 03:43:16.8115778	10:45	1
16	Load Data	0	2020-12-11 03:43:16.0288091	2020-12-11 03:43:16.8213417	10:45	1
17	Procedure: [Project3].[ShowStatusRowCount] 1...	0	2020-12-11 03:46:20.3931051	2020-12-11 03:46:20.4014976	10:45	1

Project3.Load_ModeOfInstruction

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PW0123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project3.Load_ModeOfInstruction(?) }
```

Output:

ModeOfInstructionKey	ModeOfInstruction	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1	Online	1	2020-12-11 03:41:08.4911424	2020-12-11 03:41:08.4911424
2	TBA	1	2020-12-11 03:41:08.4911424	2020-12-11 03:41:08.4911424
3	In-Person	1	2020-12-11 03:41:08.4911424	2020-12-11 03:41:08.4911424
4	Hybrid	1	2020-12-11 03:41:08.4911424	2020-12-11 03:41:08.4911424
5	Web-Enhanced	1	2020-12-11 03:41:08.4911424	2020-12-11 03:41:08.4911424



How many changes has every user in the database made?

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: P@ssw0rd123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT DISTINCT  
    UserAuthorizationKey,  
    COUNT(WorkflowStepDescription) AS NumberOfChanges  
FROM Process.WorkFlowSteps  
GROUP BY UserAuthorizationKey;
```

Output:

UserAuthorizationKey	NumberOfChanges
1	7
2	1
3	1
4	1
5	1
6	1
7	1



How many instructors are in each department?

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: DBP123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT DISTINCT
    DepartmentName,
    COUNT(InstructorFullName) AS NumberOfInstructors
FROM Department_Instructor
GROUP BY DepartmentName;
```

Output:

DepartmentName	NumberOfInstructors
HSS	2
ITAL	10
SPAN	28
DRAM	22
RLGST	2
BALA	11
FNES	63
DANCE	11
WGS	4
EGPBE	32
PHYS	27
ENGL	112
EAST	8
CUNBA	1
CEBL	3
IRST	1
PORT	3
ENSCI	20
MEDST	22
LBSCI	24
RUSS	4
STABD	1
AMST	2
ANTH	32
HNRS	7
ASTR	3
CO-OP	1
CLAS	6
KOR	8
HIST	50
MM	1
ARAB	2
JPNS	3
GRKMD	3
MES	2
HEBRW	3
RM	8



Harjit's Stored Procedures & Queries



Project3.Load_Department

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PQ8123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project3.Load_Department (?) }
```

Output:

	DepartmentKey	DepartmentName	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1	ACCT		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
2	AFST		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
3	AMST		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
4	ANTH		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
5	ARAB		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
6	ARTH		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
7	ARTS		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
8	ASTR		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
9	BALA		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
10	BIOH		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
11	BIOI		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
12	BUS		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
13	CERT		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
14	CESL		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
15	CHEM		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
16	CHFI		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
17	CLAS		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
18	CMAL		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
19	CMLIT		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
20	CO-OP		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
21	CSOI		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
22	CUNBA		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
23	DANCE		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
24	DRAM		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
25	EAST		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
26	ECOM		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
27	ECP		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
28	ECPCE		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
29	ECPCL		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
30	ECPSE		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
31	ECPSP		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
32	EECE		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
33	ENGL		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
34	ENSCI		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
35	EURO		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
36	FNES		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952
37	IBSN		2	2020-12-11 04:11:17.2113952	2020-12-11 04:11:17.2113952



Show the roster for all 331 classes?

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 13001
Database: QueensClassScheduleSpring2017
User: sa
Password: DBP123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT CourseName,  
       InstructorFullname AS [Instructor Name],  
       NumberEnrolled AS [Enrollment Number],  
       Limit AS [Enrollment Limit]  
FROM Course.[Class]  
WHERE CourseName = 'CSCI 331'  
ORDER BY NumberEnrolled ASC;
```

Output:

	CourseName	Instructor Name	Enrollment Number	Enrollment Limit
CSCI 331		Heller, Peter	28	30
CSCI 331		Leavitt, Daniel	35	35
CSCI 331		Obrenic, Bojana	81	85



Show all the online courses that are offered?

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 13001
Database: QueensClassScheduleSpring2017
User: sa
Password: DBP123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT DISTINCT  
  A.CourseName AS [Course Name],  
  A.CourseDescription AS [Course Description],  
  B.NumberOfCredits AS [Number of Credits],  
  C.[ModeOfInstruction] AS [Mode of Instruction]  
FROM Course.[Class] AS A  
INNER JOIN Course.[Class] AS B  
  ON A.CourseName = B.CourseName  
INNER JOIN Course.[ModeOfInstruction] AS C  
  ON C.ModeOfInstruction = 'Online';
```

Output:

	Course Name	Course Description	Number of Credits	Mode of Instruction
ACCT 100	Fin & Mgt Acct		3	Online
ACCT 101	Int Theo & Prac Acct 1		3	Online
ACCT 102	Intro Theo & Prac Acct 2		3	Online
ACCT 201	Inter Acct 1		4	Online
ACCT 202	Inter Acct 2		2	Online
ACCT 261	Business Law 1		3	Online
ACCT 305	Cost Acct		2	Online
ACCT 306	Quant Techniq Pln & Cnt		3	Online
ACCT 311	Advod Acct		3	Online
ACCT 321	Auditing 1		3	Online
ACCT 322	Auditing 2		3	Online
ACCT 341	Acct Info Syst		3	Online
ACCT 343	Microcomp Apps Acct		3	Online
ACCT 350	Finan Stat Analys		3	Online
ACCT 362	Business Law 2		3	Online
ACCT 363	Business Law 3		3	Online
ACCT 367	Fed & Ny State Tax		4	Online
ACCT 372	Gov & Ntp Acct & Aud		3	Online
ACCT 393	Seminar in Accounting		3	Online
ACCT 398	Internship		3	Online
ACCT 707	Issues in Mgmt Acct		3	Online
ACCT 712	Adv Fin Acct Theory		3	Online
ACCT 723	Adv Auditing Theory		3	Online
ACCT 747	Comm & Accountants		3	Online
ACCT 748	Adv Acct Info Systems		3	Online
ACCT 752	Adv Shry in Bus Law		3	Online
ACCT 757	Taxation Of Bus Enit		3	Online
ACCT 758	State & Local Taxltn		3	Online
ACCT 773	Govt Acct & Audit		3	Online
AFST 102	Survey African Civ 2		3	Online
AFST 201	Intro Black Cultures		3	Online
AFST 234	Black Women Writers		3	Online
AFST 300	Africana Studies Sem		3	Online
AMST 110	Intro Amer Soc/Culture		3	Online
ANTH 101	Intro To Cultural Anthropology		3	Online



Danny's Stored Procedures & Queries



Project3.Load_RoomLocation

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassSchedule@spring2017
User: sa
Password: PR0123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project3.Load_RoomLocation(?) }
```

Output:

	RoomLocationKey	RoomLocation	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1	181		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
2	270A		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
3	B241		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
4	325		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
5	217		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
6	315H		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
7	202		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
8	429		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
9	120		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
10	417		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
11	A103		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
12	034		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
13	312		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
14	220		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
15	152		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
16	179		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
17	310		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
18	209		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
19	220		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
20	119		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
21	102		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
22	032A		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
23	277		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
24	230		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
25	310		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
26	B131		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
27	015		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
28	D245		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
29	330F		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
30	102		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
31	201		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
32	A143		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
33	431		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
34	204D		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
35	155		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
36	265		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682
37	284		3	2020-12-11 04:13:05.2967682	2020-12-11 04:13:05.2967682

Rooms with RoomLocationKey between 1 and 10

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PR9123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT RoomLocationKey, RoomLocation
FROM [Location].RoomLocation
WHERE RoomLocationKey BETWEEN 1 AND 10;
```

Output:

	RoomLocationKey	RoomLocation
1	181	
2	270A	
3	B241	
4	325	
5	217	
6	315H	
7	202	
8	429	
9	120	
10	417	



Rooms with a letter at the end

SQLtoJDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PH8123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT RoomLocationKey, RoomLocation
FROM [Location].RoomLocation
WHERE RoomLocation LIKE N'%[A-Z]' AND RoomLocation <> 'TBA';
```

Output:

RoomLocationKey	RoomLocation
2	270A
6	315H
22	032A
28	330F
34	204D
39	270F
47	300N
59	101A
63	335G
64	245G
69	119A
93	350A
98	335B
102	300I
104	245B
107	119B
109	203F
149	A135B
154	205H
158	345C
162	203B
184	211A
198	101B
206	265C
234	245E
235	350F
241	101A
245	300E
264	225H
266	345H
280	250B
286	A135H
291	211B
292	TBA
298	315C
304	218B
308	203K

Marlon's Stored Procedure & Queries



Project3.Load_Class

SQLtoDBC.exe by Erik Kim

Server:localhost

Port:12001

Database:QueensClassScheduleSpring2017

User:sa

Password:PR#123456789

ConnectExecuteExecute & PrintStored Procedure Execute

Input:

{ call Project3.Load_Class(?) }

Output:

ClassKey	CourseKey	Section	CourseCode	CourseName	CourseDescripti...	InstructorFullNa...	Day	Hours	NumberOfCredits	NumberEnrolled	Limit	OverTally	ModeOfInstructo...	ModeOfInstruction	UserAuthorizatio...	DateAdded	DateOfLastUpdate
1	1	02	37366	ACCT 100	Fin & Mgr Acct	Milo, Michael	T, TH	3:10 PM - 4:25 PM	3	20	22	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
2	1	03	37823	ACCT 100	Fin & Mgr Acct	Ho, Vivian	M	3:10 PM - 6:00 PM	3	21	22	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
3	1	01	37365	ACCT 100	Fin & Mgr Acct	Milo, Michael	T, TH	10:45 AM - 12:00 ...	3	22	22	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
4	2	06	7351	ACCT 101	Int Theo & Prac A...	Feisullin, Anita	T, TH	12:10 PM - 2:00 ...	3	30	30	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
5	2	12	7357	ACCT 101	Int Theo & Prac A...	Mintz, Chana	SU	8:20 AM - 12:00 ...	3	39	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
6	2	11	7356	ACCT 101	Int Theo & Prac A...	Chan, Joseph	S	8:20 AM - 12:00 ...	3	54	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
7	2	10	7355	ACCT 101	Int Theo & Prac A...	Solarsh, Eva	F	6:30 PM - 10:30 ...	3	30	30	0	4	Hybrid	5	2020-12-11 04:0...	2020-12-11 04:0...
8	2	09	7354	ACCT 101	Int Theo & Prac A...	Zapf, Michael	T, TH	8:50 PM - 10:30 ...	3	29	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
9	2	08	7353	ACCT 101	Int Theo & Prac A...	Ruthizer, Scott	M, W	6:55 PM - 8:45 PM	3	47	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
10	2	07	7352	ACCT 101	Int Theo & Prac A...	Solarsh, Eva	T, TH	10:05 AM - 11:55 ...	3	45	45	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
11	2	05	7350	ACCT 101	Int Theo & Prac A...	Erlach, David	M, W	5:00 PM - 6:40 PM	3	55	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
12	2	04	7349	ACCT 101	Int Theo & Prac A...	Ruthizer, Scott	M, W	3:00 PM - 4:40 PM	3	55	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
13	2	03	7348	ACCT 101	Int Theo & Prac A...	Erlach, David	W, F	10:05 AM - 11:55 ...	3	42	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
14	2	02	7347	ACCT 101	Int Theo & Prac A...	Gruza, Marvin	W, F	8:00 AM - 9:50 AM	3	20	30	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
15	2	01	7346	ACCT 101	Int Theo & Prac A...	Dauber, Nicky	M, W	8:00 AM - 9:50 AM	3	54	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
16	3	03	7360	ACCT 102	Intro Theo & Pra...	Feisullin, Anita	T, TH	10:05 AM - 11:55 ...	3	55	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
17	3	04	7361	ACCT 102	Intro Theo & Pra...	David, Amy	T, TH	5:00 PM - 6:40 PM	3	51	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
18	3	02	7359	ACCT 102	Intro Theo & Pra...	Erlach, David	M, W	1:40 PM - 3:20 PM	3	55	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
19	3	01	7358	ACCT 102	Intro Theo & Pra...	Gruza, Marvin	W, F	10:05 AM - 11:55 ...	3	16	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
20	3	09	7366	ACCT 102	Intro Theo & Pra...	Benjamin, Ranjit...	SU	8:20 AM - 12:00 ...	3	44	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
21	3	08	7365	ACCT 102	Intro Theo & Pra...	Khanna, Himans...	S	8:20 AM - 12:00 ...	3	41	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
22	3	07	7364	ACCT 102	Intro Theo & Pra...	Benjamin, Ranjit...	F	6:30 PM - 10:10 ...	3	44	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
23	3	06	7363	ACCT 102	Intro Theo & Pra...	Kessar, Nathaniel	T, TH	6:55 PM - 8:45 PM	3	17	55	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
24	3	05	7362	ACCT 102	Intro Theo & Pra...	Sun, Fang	M, W	6:55 PM - 8:45 PM	3	19	30	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
25	4	02	7368	ACCT 201	Inter Acct 1	Weiss, Renee	T, TH	10:05 AM - 12:00 ...	4	29	30	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
26	4	05	7371	ACCT 201	Inter Acct 1	Levine, Marc	T, TH	5:00 PM - 6:40 PM	4	43	46	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
27	4	07	7373	ACCT 201	Inter Acct 1	Nussbaum, Step...	T	6:30 PM - 10:20 ...	4	40	42	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
28	4	06	7372	ACCT 201	Inter Acct 1	Lahijani, Richard	M, W	6:55 PM - 8:35 PM	4	39	42	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
29	4	03	7369	ACCT 201	Inter Acct 1	Weiss, Renee	T, TH	12:10 PM - 2:00 ...	4	29	30	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
30	4	04	7370	ACCT 201	Inter Acct 1	Levine, Marc	T, TH	2:15 PM - 4:05 PM	4	49	51	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
31	4	08	7374	ACCT 201	Inter Acct 1	Wasserstrum, D...	SU	8:20 AM - 12:00 ...	4	40	42	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
32	4	01	7367	ACCT 201	Inter Acct 1	Hornung, David	M, W	8:40 AM - 10:30 ...	4	42	42	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
33	5	03	7377	ACCT 202	Inter Acct 2	Schwalb, Helen	M, W	3:10 PM - 4:25 PM	2	29	53	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
34	5	01	7375	ACCT 202	Inter Acct 2	Hornung, David	M, W	10:45 AM - 12:00 ...	2	55	53	2	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
35	5	02	7376	ACCT 202	Inter Acct 2	Hornung, David	M, W	1:40 PM - 2:55 PM	2	52	53	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...
36	5	04	7378	ACCT 202	Inter Acct 2	Weiss, Renee	T, TH	2:15 PM - 3:30 PM	2	30	30	0	3	In-Person	5	2020-12-11 04:0...	2020-12-11 04:0...

How Many Classes Are Being Taught And What Is The Enrollment?

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PH8123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT CourseName, COUNT(CourseName) AS NumClasses, SUM(CAST(NumberEnrolled AS INT)) AS TotalEnrollment, SUM(CAST(Limit AS INT)) AS TotalClassLimit,
CAST(SUM(CAST(NumberEnrolled AS NUMERIC))/SUM(CAST(Limit AS NUMERIC)) * 100 AS NUMERIC) AS EnrollmentPercentage FROM Course.Class WHERE CAST(Limit AS INT) > 0
GROUP BY courseName
```

Output:

CourseName	NumClasses	TotalEnrollment	TotalClassLimit	EnrollmentPercentage
ACCT 100	3	63	66	95
ACCT 101	12	500	575	87
ACCT 102	9	342	470	73
ACCT 201	8	311	325	96
ACCT 202	7	289	348	83
ACCT 261	9	352	396	89
ACCT 305	8	296	374	79
ACCT 306	6	267	309	86
ACCT 311	7	263	343	77
ACCT 321	5	193	233	83
ACCT 322	6	227	260	87
ACCT 341	1	67	67	100
ACCT 343	1	30	30	100
ACCT 350	2	60	92	65
ACCT 362	12	300	332	90
ACCT 363	3	54	90	60
ACCT 367	7	317	372	85
ACCT 372	7	255	340	75
ACCT 393	2	22	70	31
ACCT 398	1	4	35	11
ACCT 707	1	28	25	112
ACCT 712	2	43	40	108
ACCT 723	2	56	50	112
ACCT 747	1	51	60	85
ACCT 748	1	28	25	112
ACCT 752	3	32	60	53
ACCT 757	2	43	50	86
ACCT 758	1	18	20	90
ACCT 773	1	17	20	85
AFST 102	1	35	35	100
AFST 201	1	26	25	104
AFST 234	1	19	25	76
AFST 300	1	15	25	60
AMST 110	3	73	75	97

Find All Classes That Have Less Than Half Enrollment

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PH@123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT ClassKey,  
CourseKey,  
Section,  
CourseCode,  
CourseName,  
CourseDescription,  
InstructorFullName,  
Day,  
Hours,  
RoomLocation,  
NumberEnrolled,  
Limit,  
OverTally,
```

Output:

	ClassKey	CourseKey	Section	CourseCode	CourseName	CourseDescription	InstructorFullName	Day	RoomLocation	NumberEnrolled	Limit	OverTally	ModeOfInstruction
114	20	01	7536	ACCT 393	Seminar in Accounting	Dauber, Nicky	TBA	TBA	9	35	0	0	In-Person
420	161	03	1077	ASTR 002	General Astronomy W/ L...	Cheng, Xiaojun	M	6:50 PM - 8:40 PM	9	24	0	0	Web-Enhanced
422	161	03	1077	ASTR 002	General Astronomy W/ L...	Cadieu, Fred	M, W	5:05 PM - 6:20 PM	9	24	0	0	Web-Enhanced
1000	314	01	11644	CMLIT 38	Vt. Advanced Seminar	Winks, Christopher	T, TH	1:40 PM - 2:55 PM	9	25	0	0	In-Person
1202	384	01	7205	DANCE 35	Time & Dance Image In...	Profeta, Katherine	T	1:40 PM - 4:30 PM	9	20	0	0	In-Person
1401	466	02	14753	ECPPE 89	Supervisory Pracd	Genao, Soribel	M	7:15 PM - 9:45 PM	9	20	0	0	In-Person
1441	480	01	19137	ECPPE 73	Curric&Instruc Early Chil...	Gigante, Monica	W	7:15 PM - 9:45 PM	9	20	0	0	In-Person
1537	510	01	47933	EECE 533	Adv Tchg Art Prek-6	Piccolo, Ellen	T	4:35 PM - 7:05 PM	9	35	0	0	In-Person
1576	528	04	11166	EECE 782	Tchr As Researcher	Alkins, Kimberley	TH	4:35 PM - 7:05 PM	9	20	0	0	In-Person
1997	680	01	8341	FNES 379	Std Tchg Phy Educ	Boehmcke, Suzanne	TBA	TBA	9	25	0	0	In-Person
2108	744	01	11422	GERM 250	German Film and Media	Mancini, Elena	T	1:40 PM - 5:30 PM	9	25	0	0	Web-Enhanced
2402	847	02	11847	JOURN 10	News Reporting 1	Corso, Philip	S	9:00 AM - 12:00 PM	9	20	0	0	In-Person
2411	852	03	61449	JPNS 102	Elem Japanese 2	Hughes, Mamori	M	3:30 PM - 4:20 PM	9	20	0	0	In-Person
2412	852	03	61449	JPNS 102	Elem Japanese 2	Philip, Mana	W, F	3:30 PM - 4:45 PM	9	20	0	0	In-Person
2429	859	01	20457	KOR 306	Advanced Korean II	Kim, Ji Young	M, W	3:10 PM - 4:25 PM	9	25	0	0	Web-Enhanced
2700	950	01	15059	MATH 158	Honors Calculus II	Zaken, Saeed	T, TH	11:00 AM - 12:50 PM	9	25	0	0	In-Person
2893	1045	1	49549	MUSIC 15	String Ensemble	Davis, Susan	M, W	10:30 AM - 12:00 PM	9	35	0	0	In-Person
3054	1072	03	7013	MUSIC 25	Ensmbl Rlatd Instrmnts	Lipsey, Michael	M	6:15 PM - 8:20 PM	9	35	0	0	In-Person
3088	1087	2	55477	MUSIC 27	Hmny, Cntrpt & Kybrd S...	Mandelbaum, M. Joel	T, TH, F	12:15 PM - 1:05 PM	9	35	0	0	In-Person
3645	1249	01	1003	PHYS 007	Intro Phys Mus Sound	Glass, Peter	M, W	3:40 PM - 4:55 PM	9	50	0	0	In-Person
3993	1377	MCC1	45236	PSYCH 73	ABA: Measure&Applied ...	Kristovska-Guerrero, Ivana	W	5:15 PM - 7:05 PM	9	20	0	0	In-Person
4143	1433	01	8048	SEYS 706	Globalization& Compara...	Moncada-Davidson, Lilli...	T	4:35 PM - 7:05 PM	9	20	0	0	In-Person
4373	1527	01	44981	SPAN 378	Cult & Id Us Latin Lit	Outes-Leon, Brais	M, W	1:40 PM - 2:55 PM	9	28	0	0	In-Person
4492	1599	01	7684	URBST 37	Snce Lrngg Prctcm	Larson, Scott	W	3:10 PM - 6:00 PM	9	20	0	0	In-Person
4487	1594	N01	7677	URBST 30	Organizing The Public	Checker, Melissa	TBA	TBA	9	20	0	0	Online
4511	1618	01	52866	URBST 74	Urb Transport Policy	Hanlon, Martin	W	6:30 PM - 8:30 PM	9	20	0	0	In-Person
4163	1451	01	8070	SEYSL 75	Literacy Assessment & L...	Hacker, Carol	TH	4:35 PM - 7:05 PM	8	35	0	0	Hybrid
4164	1452	01	8071	SEYSL 76	Spv Pracd W/ MJhs	Barone, Toni Ann	W	4:35 PM - 7:05 PM	8	35	0	0	In-Person
3790	1308	1	11094	PSCI 269	VtColloq IntL Pol	Lieberman, Peter	T, TH	9:15 AM - 10:30 AM	8	35	0	0	In-Person
4156	1445	01	8058	SEYS 782	Sem Res Lang Arts	Caraballo, Limarys	T	7:15 PM - 9:45 PM	8	25	0	0	Hybrid
4158	1447	01	8060	SEYS 786	Adv Sem For Lang Edu	Eddy, Jennifer	W	7:15 PM - 9:45 PM	8	25	0	0	In-Person
3608	1220	4	7940	PHIL 104	Intro To Ethics	Taha, Wagdi	T, TH	3:10 PM - 4:25 PM	8	25	0	0	In-Person
3482	1162	1	7114	MUSIC 78	Music since 1900 II	Saylor, Bruce	T	4:30 PM - 7:20 PM	9	20	0	0	In-Person
3420	1435	04	6060	MUSIC 73	Composed Works	Saylor, Bruce	T	7:40 PM - 9:20 PM	9	20	0	0	In-Person

Haibo's Stored Procedure & Queries



Project3.Load_BuildingLocation

SQLtoJDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PR0133456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project3.Load_BuildingLocation(?) }
```

Output:

	BuildingKey	BuildingLocation	RoomLocationKey	RoomLocation	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1	AR		181		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
2	CD		270A		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
3	CH		B241		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
4	CH		325		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
5	CH		217		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
6	CH		315H		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
7	CH		202		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
8	DY		429		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
9	DY		120		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
10	DY		417		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
11	DY		A103		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
12	FG		034		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
13	FG		312		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
14	FG		220		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
15	FG		152		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
16	FG		179		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
17	FG		310		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
18	FG		209		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
19	FG		220		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
20	FG		119		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
21	FG		102		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
22	FG		032A		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
23	FG		277		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
24	FG		230		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
25	GB		310		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
26	GC		B131		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
27	GT		015		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
28	HH		D245		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
29	HH		330F		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
30	HH		102		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
31	HH		201		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
32	IB		A143		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
33	IB		431		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
34	IB		204D		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
35	IB		155		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
36	JH		265		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827
37	KA		284		7	2020-12-11 04:13:48.6787827	2020-12-11 04:13:48.6787827



SHOW ALL BUILDINGLOCATION WITH LETTER KY

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PR9123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT BuildingLocation,RoomLocation  
FROM [Location].BuildingLocation  
WHERE BuildingLocation Like 'KY'
```

Output:

BuildingLocation	RoomLocation
KY	335G
KY	245G
KY	100
KY	174
KY	246
KY	263
KY	119A
KY	102
KY	121
KY	117
KY	17
KY	115
KY	211
KY	419
KY	008
KY	423
KY	G15
KY	351
KY	273
KY	281
KY	321
KY	A101
KY	201
KY	105
KY	206
KY	012
KY	264
KY	004
KY	219
KY	151
KY	350A
KY	202
KY	D335
KY	010
KY	173
KY	335B
KY	204



SHOW ALL BUILDINGLOCATION THAT MATCH UP ROOMLOCATION

SQLtoIDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PH@123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT DISTINCT BuildingLocation, RoomLocation  
FROM [Location].[BuildingLocation]  
group by BuildingLocation, RoomLocation  
order by BuildingLocation Desc
```

Output:

BuildingLocation	RoomLocation
TBA	248
SU	306
SB	016
SB	08
SB	102
SB	116
SB	118
SB	12
SB	135
SB	151
SB	156
SB	157
SB	203K
SB	206
SB	211B
SB	218B
SB	225
SB	242
SB	250B
SB	256
SB	263
SB	306
SB	307
SB	313
SB	315C
SB	320
SB	324
SB	326
SB	350H
SB	351
SB	416
SB	424
SB	463
SB	708
SB	A135H
SB	A307
SB	D170



Jonathan's Stored Procedures & Queries



Project3.Load_Instructor

SQLtoDBC.exe by Erik Kim										
Server: localhost										
Port: 12001										
Database: QueensClassScheduleSpring2017										
User: sa										
Password: PR0123456789										
Connect Execute Execute & Print Stored Procedure Execute										
Input:										
{ call Project3.Load_Instructor(?) }										
Output:										
InstructorKey	InstructorFirstName	InstructorLastName	InstructorFullName	DepartmentName	DepartmentKey	UserAuthorizationKey	DateAdded	DateOfLastUpdate		
1	Arthur	Adelberg	Adelberg, Arthur	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
2	Scott	Ahroni	Ahroni, Scott	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
3	Julie	Altman	Altman, Julie	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
4	Dianand	Balkaran	Balkaran, Dianand	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
5	Ernest	Barone	Barone, Ernest	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
6	Ranjitbumar	Benjamin	Benjamin, Ranjitbumar	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
7	Israel	Blumenfrucht	Blumenfrucht, Israel	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
8	Joseph	Chan	Chan, Joseph	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
9	Nicky	Dauber	Dauber, Nicky	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
10	Amy	David	David, Amy	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
11	Murray	Davidovits	Davidovits, Murray	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
12	Arthur	Dignam	Dignam, Arthur	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
13	Marlene	Dockery	Dockery, Marlene	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
14	Robert	Elan	Elan, Robert	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
15	David	Erlach	Erlach, David	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
16	Anita	Felsulin	Felsulin, Anita	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
17	Sean	Fitzsimons	Fitzsimons, Sean	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
18	Emily	Georgiades	Georgiades, Emily	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
19	Marvin	Gruza	Gruza, Marvin	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
20	Neal	Hilbig	Hilbig, Neal	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
21	Vivian	Ho	Ho, Vivian	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
22	David	Homung	Homung, David	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
23	Qianyun (Ivy)	Huang	Huang, Qianyun (Ivy)	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
24	John	Juva	Juva, John	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
25	Jeffrey	Katz	Katz, Jeffrey	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
26	Nathaniel	Kassar	Kassar, Nathaniel	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
27	Himanshu	Khanna	Khanna, Himanshu	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
28	David	Kirschner	Kirschner, David	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
29	Vijay	Kumar	Kumar, Vijay	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
30	Richard	Lahjani	Lahjani, Richard	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
31	Barry	Leibowicz	Leibowicz, Barry	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
32	David	Levine	Levine, David	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
33	Steven	Mandelkom	Mandelkom, Steven	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
34	Mark	Mazze	Mazze, Mark	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
35	Marvin	Milich	Milich, Marvin	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		
37	Michael	Min	Min, Michael	ACCT	1	4	2020-12-11 04:12:09.7377049	2020-12-11 04:12:09.7377049		

Which Instructors Teach in Multiple Departments

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassSchedule@Spring2017
User: sa
Password: PH0123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT DISTINCT Multi_Department_Instructors.InstructorFullName, MAX(Multi_Department_Instructors.Quantity) AS Num_Departments
FROM (
    SELECT DISTINCT InstructorFullName,
    DENSE_RANK() OVER
    (PARTITION BY InstructorFullName ORDER BY DepartmentName) AS Quantity
    FROM Department.[Instructors]
    GROUP BY InstructorFullName,
    DepartmentName
    HAVING InstructorFullName <> 'TBA') AS Multi_Department_Instructors
GROUP BY Multi_Department_Instructors.InstructorFullName
HAVING MAX(Multi_Department_Instructors.Quantity) > 1
ORDER BY Num_Departments DESC
```

Output:

InstructorFullName	Num_Departments
Donato, Antonio	4
Sukhu, Gopal	4
Cook, Lewis	3
Soleimani, Kamal	3
Woodfin, Warren	3
Abreu, Dorian	3
Mackey, Jacob	3
Khaili, Andrea	3
Saffran, Wilma	3
Samuni, Uri	2
Santana, Anthony	2
Satenstein, Jeffrey	2
Savayedunn, Cathy	2
Schnur, Kate	2
Seufert, Kelly	2
Shur, Mitchell	2
Simon, Mark	2
Smith, Jason	2
Sneed, Jodi	2
Sneeringer, Julia	2
Kim, Ji Young	2
Kim, Jinyo	2
Ko, Seong Yeon	2
Kostopoulos, Ioannis	2
Kumar, Sanjai	2
Lahti, David	2
Land, Marianne	2
Larson, Scott	2
Laurenson, David	2
Li, Andrea	2
Lin, Esther	2
Mackrel, Dennis	2
Marest, Luc	2
Marin, Richard	2



What Percentage of Teachers are in each Department

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 15001
Database: QueensClassScheduleSpring2017
User: sa
Password: PH9123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT DISTINCT DepartmentName, COUNT(InstructorFullName) AS Num_Instructors,  
CONCAT( CAST(COUNT(InstructorFullName) * 100.00/  
(SELECT COUNT(InstructorFullName) FROM Department.Instructor) AS DECIMAL (5,2) ), '%')  
AS Pct_Of_Instructors  
FROM Department.[Instructor]  
GROUP BY DepartmentName  
ORDER BY Num_Instructors DESC
```

Output:

DepartmentName	Num_Instructors	Pct_Of_Instructors
ENGL	112	6.38%
PSYCH	108	6.15%
MUSIC	101	5.75%
MATH	94	5.35%
ARTS	64	3.64%
SOC	63	3.59%
EECE	63	3.59%
FNES	63	3.59%
BIOL	62	3.53%
ACCT	58	3.30%
SEYS	55	3.13%
CSCI	53	3.02%
CHEM	51	2.90%
HIST	50	2.85%
ECON	48	2.73%
URBST	41	2.33%
LCD	38	2.16%
PSOI	33	1.88%
ANTH	32	1.82%
ECPSE	32	1.82%
SPAN	28	1.59%
PHYS	27	1.54%
JAZZ	26	1.48%
LBSCI	24	1.37%
HMNS	24	1.37%
ECPCE	23	1.31%
CMLIT	23	1.31%
DRAM	22	1.25%
MEDST	22	1.25%
ENSCI	20	1.14%
BUS	20	1.14%
GEOG	19	1.08%
PHIL	19	1.08%
SPST	17	0.97%



Jamil's Stored Procedures & Queries



Project3.Load_Course

SQLto/DBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: QueensClassScheduleSpring2017
User: sa
Password: PH@123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project3.Load_Course(?) }
```

Output:

CourseKey	CourseName	CourseDescription	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1	ACCT 100 (3, 3)	Fin & Mgr Acct	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
2	ACCT 101 (4, 3)	Int Theo & Prac Acct 1	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
3	ACCT 102 (4, 3)	Intro Theo & Prac Acct 2	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
4	ACCT 201 (4, 4)	Inter Acct 1	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
5	ACCT 202 (3, 2)	Inter Acct 2	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
6	ACCT 261 (3, 3)	Business Law I	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
7	ACCT 305 (3, 2)	Cost Acct	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
8	ACCT 306 (4, 3)	Quant Techniq Pln & Ctrl	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
9	ACCT 311 (4, 3)	Advcd Acct	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
10	ACCT 321 (4, 3)	Auditing 1	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
11	ACCT 322 (3, 3)	Auditing 2	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
12	ACCT 341 (3, 3)	Acct Info Syst	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
13	ACCT 343 (3, 3)	Microcomp Apps Acct	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
14	ACCT 350 (3, 3)	Finan Stat Anals	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
15	ACCT 362 (3, 3)	Business Law 2	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
16	ACCT 362W (3, 3)	Business Law 2	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
17	ACCT 363 (3, 3)	Business Law 3	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
18	ACCT 367 (4, 4)	Fed & Ny State Tax	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
19	ACCT 372 (3, 3)	Gov & Nlp Acct & Aud	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
20	ACCT 393W (3, 3)	Seminar in Accounting	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
21	ACCT 398 (3, 3)	Internship	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
22	ACCT 707 (3, 3)	Issues In Mgmt Acct	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
23	ACCT 712 (3, 3)	Adv Fin Acct Theory	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
24	ACCT 723 (3, 3)	Adv Auditing Theory	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
25	ACCT 747 (3, 3)	Comm & Accountants	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
26	ACCT 748 (3, 3)	Adv Acct Info Systms	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
27	ACCT 752 (3, 3)	Adv Stdy In Bus Law	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
28	ACCT 757 (3, 3)	Taxation Of Bus Ents	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
29	ACCT 758 (3, 3)	State & Local Taxatn	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
30	ACCT 773 (3, 3)	Govt Acct & Audit	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
31	AFST 102 (3, 3)	Survey African Civ 2	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
32	AFST 201W (3, 3)	Intro Black Cultures	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
33	AFST 234W (3, 3)	Black Women Writers	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
34	AFST 300W (3, 3)	Africana Studies Sem	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
35	AMST 110W (3, 3)	Intro Amer Soc/Culture	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747
36	ANTH 101 (3, 3)	Intro To Cultural Anthropology	6	2020-12-11 04:07:55 2635747	2020-12-11 04:07:55 2635747

What are the available intro or 100 level courses?

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 11001
Database: QueensClassScheduleSpring2017
User: sa
Password: PR9129456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
SELECT DISTINCT
    [CourseName],
    [CourseDescription],
    [InstructorFullName],
    [Hours],
    [Day],
    [NumberEnrolled],
    [Limit]
FROM Course.Class where [CourseName] LIKE '%100%' or [CourseDescription] LIKE 'Intro'
```

Output:

CourseName	CourseDescription	InstructorFullName	Hours	Day	NumberEnrolled	Limit
ACCT 100	Fin & Mgr Acct	Ho, Vivian	3:10 PM - 5:00 PM	M	21	22
ACCT 100	Fin & Mgr Acct	Milo, Michael	10:45 AM - 12:00 PM	T, TH	22	22
ACCT 100	Fin & Mgr Acct	Milo, Michael	3:10 PM - 4:25 PM	T, TH	20	22
ACCT 102	Intro Theo & Prac Acct 2	Benjamin, Ranjithkumar	6:30 PM - 10:10 PM	F	44	55
ACCT 102	Intro Theo & Prac Acct 2	Benjamin, Ranjithkumar	8:20 AM - 12:00 PM	SU	44	55
ACCT 102	Intro Theo & Prac Acct 2	David, Amy	5:00 PM - 6:40 PM	T, TH	51	55
ACCT 102	Intro Theo & Prac Acct 2	Erlach, David	1:40 PM - 3:20 PM	M, W	55	55
ACCT 102	Intro Theo & Prac Acct 2	Felsolin, Anita	10:05 AM - 11:55 AM	T, TH	55	55
ACCT 102	Intro Theo & Prac Acct 2	Gruza, Marvin	10:05 AM - 11:55 AM	W, F	16	55
ACCT 102	Intro Theo & Prac Acct 2	Kassar, Nathaniel	6:55 PM - 8:45 PM	T, TH	17	55
ACCT 102	Intro Theo & Prac Acct 2	Khanna, Himanshu	8:20 AM - 12:00 PM	S	41	55
ACCT 102	Intro Theo & Prac Acct 2	Sun, Fang	6:55 PM - 8:45 PM	M, W	19	30
AFST 201	Intro Black Cultures	Juimisse, Evelyn	1:40 PM - 2:55 PM	T, TH	26	25
AMST 110	Intro Amer Soc/Culture	Manson, Douglas	12:15 PM - 1:30 PM	T, TH	24	25
AMST 110	Intro Amer Soc/Culture	Manson, Douglas	9:15 AM - 10:30 AM	T, TH	24	25
AMST 110	Intro Amer Soc/Culture	Schuur, Kate	9:15 AM - 10:30 AM	M, W	25	25
ANTH 101	Intro To Cultural Anthropology	Barton, Scott	1:40 PM - 2:55 PM	M, W	24	25
ANTH 101	Intro To Cultural Anthropology	Choi, Jimée	12:15 PM - 1:30 PM	T, TH	39	40
ANTH 101	Intro To Cultural Anthropology	Choi, Jimée	7:45 AM - 9:00 AM	T, TH	25	25
ANTH 101	Intro To Cultural Anthropology	Elisha, Omri	10:45 AM - 12:00 PM	T, TH	150	145
ANTH 101	Intro To Cultural Anthropology	Galal, Ota	9:15 AM - 10:30 AM	M, W	29	29
ANTH 101	Intro To Cultural Anthropology	Levin, Inna	1:40 PM - 2:55 PM	T, TH	89	88
ANTH 101	Intro To Cultural Anthropology	Levin, Inna	3:10 PM - 4:25 PM	T, TH	65	65
ANTH 101	Intro To Cultural Anthropology	Leynse, Wendy	10:45 AM - 12:00 PM	M, W	130	130
ANTH 101	Intro To Cultural Anthropology	Spice, Anne	3:10 PM - 4:25 PM	M, W	69	70
ANTH 102	Intro Human Evol	Evans, Katarina	10:45 AM - 12:00 PM	M, W	39	38
ANTH 102	Intro Human Evol	Forrest, Frances	12:15 PM - 1:30 PM	T, TH	150	145
ANTH 102	Intro Human Evol	Lamela Lopez, Raquel	7:45 AM - 9:00 AM	M, W	74	75
ANTH 102	Intro Human Evol	Lamela Lopez, Raquel	9:15 AM - 10:30 AM	M, W	85	85
ANTH 102	Intro Human Evol	Madimenos, Felicia	1:40 PM - 2:55 PM	M, W	82	82
ANTH 102	Intro Human Evol	Papano, Anthony	6:30 PM - 9:15 PM	F	40	40
ANTH 102	Intro Human Evol	Papano, Anthony	9:15 AM - 12:00 PM	S	41	40
ANTH 102	Intro Human Evol	Plummer, Thomas	10:45 AM - 12:00 PM	T, TH	91	90
ANTH 102	Intro Human Evol	Shibata, Chihiro	3:10 PM - 4:25 PM	T, TH	40	40
ANTH 102	Intro Human Evol	Shibata, Chihiro	5:00 PM - 6:15 PM	T, TH	41	40

What are the available CSCI courses?

SQLtoDBC by Erik Kim

Server:
Port:
Database:
User:
Password:

Input:

```
USE QueensClassScheduleSpring2017;  
SELECT DISTINCT  
    [CourseName],  
    [InstructorFullName],  
    [Hours],  
    [Day],  
    [NumberEnrolled],  
    [Limit]  
FROM CourseClass where [CourseName] LIKE 'CSCI%' AND [NumberEnrolled] > [Limit]
```

Output:

CourseName	InstructorFullName	Hours	Day	NumberEnrolled	Limit
CSCI 012	Gethals, Sara	1:40 PM - 2:30 PM	M, W	24	25
CSCI 012	Gethals, Sara	2:45 PM - 3:35 PM	M, W	19	20
CSCI 012	Greenberg, Aryeh	7:30 PM - 8:20 PM	M, W	23	24
CSCI 012	Greenberg, Aryeh	8:30 PM - 9:20 PM	M, W	23	24
CSCI 012	Huang, Jiu	8:00 AM - 8:50 AM	T, F	19	20
CSCI 012	Lee, Kok Teng	1:00 PM - 2:50 PM	S	19	20
CSCI 012	Lee, Kok Teng	3:00 PM - 4:50 PM	S	19	20
CSCI 012	Nelson, Dorothy	1:00 PM - 2:50 PM	SU	19	20
CSCI 012	Nelson, Dorothy	3:00 PM - 4:50 PM	SU	19	20
CSCI 012	Padoszek, Annette	9:00 AM - 9:50 AM	T, TH	23	24
CSCI 012	Sakoe, Christian	8:00 AM - 8:50 AM	M, W	14	20
CSCI 012	Warman, Jerry	11:10 AM - 12:00 PM	M, W	143	144
CSCI 012	Warman, Jerry	3:50 PM - 4:40 PM	M, W	109	109
CSCI 048	Goldberg, Robert	5:30 PM - 6:20 PM	M, W	20	31
CSCI 048	Goldberg, Robert	6:30 PM - 7:20 PM	M, W	57	62
CSCI 048	Goldberg, Robert	7:30 PM - 8:20 PM	M, W	27	31
CSCI 087	Philips, Tsalyun	5:00 PM - 5:50 PM	T, TH	10	20
CSCI 087	Philips, Tsalyun	6:00 PM - 6:50 PM	T, TH	10	20
CSCI 090	Frary, Barbara	1:40 PM - 2:55 PM	M, W	18	30
CSCI 090	Smith-Thompson, Anne	8:00 AM - 8:50 AM	T, F	12	20
CSCI 090	Smith-Thompson, Anne	9:00 AM - 9:50 AM	F	12	20
CSCI 111	Mahavadi, Krishna	11:10 AM - 12:00 PM	T, TH	23	24
CSCI 111	Rybo, Alexander	2:45 PM - 3:35 PM	M, W	152	153
CSCI 211	Lee, Kok Teng	3:50 PM - 4:40 PM	T, TH	26	28
CSCI 211	Li, Changlin	3:50 PM - 4:40 PM	M, W	26	28
CSCI 211	Warman, Jerry	12:15 PM - 2:05 PM	F	102	110
CSCI 212	Bian, Kaitai	8:00 AM - 8:50 AM	T, TH	24	25
CSCI 212	Chen, Cong	7:30 PM - 8:20 PM	M, W	14	22
CSCI 212	Lee, Kok Teng	6:30 PM - 7:20 PM	T, TH	36	48
CSCI 212	Li, Changlin	3:50 PM - 4:40 PM	T, TH	22	23
CSCI 212	Lord, Kenneth	10:05 AM - 10:55 AM	M, W	163	164
CSCI 212	Mahavadi, Krishna	9:00 AM - 9:50 AM	M, W	76	77
CSCI 220	Ossawa, Wazank	3:10 PM - 4:25 PM	M, W	41	42
CSCI 220	Kong, Tabung	8:00 PM - 9:15 PM	M, W	38	42
CSCI 240	Abreu, Andy	8:00 PM - 9:15 PM	M, W	31	32

Table Row Count Visual

Table Row Count

