

Group Project #2

MEMBERS: ERIK KIM, JONATHAN ENG,
HARJIT LIYAL, HAIBO LIU, DANNY KONG, JAMIL KOCACAL,
MARLON LOUIS

Erik's JDBC EXECUTION

- ▶ Project2.LoadStarSchema
- ▶ Process.usp_ShowWorkflowSteps
- ▶ Workflow Steps



Project2.LoadStarSchema

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: BTCClass
User: sa
Password: PW@123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project2.LoadStarSchemaData(?) }
```

Output:

TableStatus	TableName	Row Count
'Pre-truncate of tables'	CH01-01-Dimension.DimCustomer	0
'Pre-truncate of tables'	CH01-01-Dimension.DimGender	0
'Pre-truncate of tables'	CH01-01-Dimension.DimMaritalStatus	0
'Pre-truncate of tables'	CH01-01-Dimension.DimOccupation	0
'Pre-truncate of tables'	CH01-01-Dimension.DimOrderDate	0
'Pre-truncate of tables'	CH01-01-Dimension.DimProduct	0
'Pre-truncate of tables'	CH01-01-Dimension.DimProductCategory	0
'Pre-truncate of tables'	CH01-01-Dimension.DimProductSubcategory	0
'Pre-truncate of tables'	CH01-01-Dimension.DimTerritory	0
'Pre-truncate of tables'	CH01-01-Dimension.SalesManagers	0
'Pre-truncate of tables'	CH01-01-FactData	0
'Pre-truncate of tables'	DbSecurity.UserAuthorization	7
'Pre-truncate of tables'	Process.WorkflowSteps	21

TableStatus	TableName	Row Count
'Row Count after loading the star schema'	CH01-01-Dimension.DimCustomer	18400
'Row Count after loading the star schema'	CH01-01-Dimension.DimGender	2
'Row Count after loading the star schema'	CH01-01-Dimension.DimMaritalStatus	2
'Row Count after loading the star schema'	CH01-01-Dimension.DimOccupation	5
'Row Count after loading the star schema'	CH01-01-Dimension.DimOrderDate	1124
'Row Count after loading the star schema'	CH01-01-Dimension.DimProduct	130
'Row Count after loading the star schema'	CH01-01-Dimension.DimProductCategory	3
'Row Count after loading the star schema'	CH01-01-Dimension.DimProductSubcategory	17
'Row Count after loading the star schema'	CH01-01-Dimension.DimTerritory	10
'Row Count after loading the star schema'	CH01-01-Dimension.SalesManagers	17
'Row Count after loading the star schema'	CH01-01-FactData	60398
'Row Count after loading the star schema'	DbSecurity.UserAuthorization	7
'Row Count after loading the star schema'	Process.WorkflowSteps	38



Process.usp_ShowWorkflowSteps

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: BIClass
User: sa
Password: PR8123456789

ConnectExecuteExecute & PrintStored Procedure Execute

Input:
{ call Process.usp_ShowWorkflowSteps() }

Output:

WorkflowStepKey	WorkflowStepDescription	WorkflowStepTableRowCount	StartingDateTime	EndingDateTime	Class Time	UserAuthorizationKey
1	Drop Foreign Keys	0	2020-11-17 11:46:53.7256588	2020-11-17 11:46:53.8891173	10.45	1
2	Truncate Data	0	2020-11-17 11:46:53.901595	2020-11-17 11:46:54.0906493	10.45	1
3	Add Foreign Keys	0	2020-11-17 11:46:54.0948359	2020-11-17 11:46:54.2931287	10.45	1
4	Drop Foreign Keys	0	2020-11-17 11:46:56.8158311	2020-11-17 11:46:57.0346607	10.45	1
5	Procedure: [Project2].[ShowStatusRowCount] L...	0	2020-11-17 11:46:57.0428748	2020-11-17 11:46:57.0656103	10.45	2
6	Truncate Data	0	2020-11-17 11:46:57.0596598	2020-11-17 11:46:57.3549374	10.45	1
7	Procedure: [Project2].[Load_DimProductCatego...	3	2020-11-17 11:46:57.3717916	2020-11-17 11:46:57.5495115	10.45	4
8	Procedure: [Project2].[Load_DimProductSubCat...	17	2020-11-17 11:46:57.5620939	2020-11-17 11:46:57.6881957	10.45	4
9	Procedure: [Project2].[Load_DimProduct] loads...	130	2020-11-17 11:46:57.6964825	2020-11-17 11:46:58.0097909	10.45	6
10	Procedure: [Project2].[Load_SalesManagers] lo...	17	2020-11-17 11:46:58.0139089	2020-11-17 11:46:58.1270514	10.45	3
11	Procedure: [Project2].[Load_DimGender] loads...	2	2020-11-17 11:46:58.1438484	2020-11-17 11:46:58.2281639	10.45	5
12	Procedure: [Project2].[Load_MaritalStatus] load...	2	2020-11-17 11:46:58.249137	2020-11-17 11:46:58.3458698	10.45	2
13	Procedure: [Project2].[Load_DimOccupation] lo...	5	2020-11-17 11:46:58.3584823	2020-11-17 11:46:58.4382794	10.45	7
14	Procedure: [Project2].[Load_DimOrderDate] loa...	1124	2020-11-17 11:46:58.4466541	2020-11-17 11:46:58.5470778	10.45	7
15	Procedure: [Project2].[Load_DimTerritory] load...	10	2020-11-17 11:46:58.5637862	2020-11-17 11:46:58.6728917	10.45	3
16	Procedure: [Project2].[Load_DimCustomer] loa...	18400	2020-11-17 11:46:58.6990407	2020-11-17 11:47:01.0242841	10.45	5
17	Procedure: [Project2].[Load_Data] loads data in...	80398	2020-11-17 11:47:01.0620649	2020-11-17 11:47:04.042885	10.45	6
18	Procedure: [Project2].[ShowStatusRowCount] L...	0	2020-11-17 11:47:04.0243147	2020-11-17 11:47:04.6787483	10.45	2
19	Add Foreign Keys	0	2020-11-17 11:47:04.6954565	2020-11-17 11:47:06.8088323	10.45	1
20	Load Star Schema Data	0	2020-11-17 11:46:56.8158311	2020-11-17 11:47:06.8173607	10.45	1



Workflow Steps

SQLtoJDBC.exe by Erik Kim

Server:localhost

Port:12001

Database:BIClass

User:sa

Password:PH8123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

Input:

```
, wfs.WorkFlowStepDescription
, wfs.WorkFlowStepTableRowCount
, CAST(DATEDIFF(ms, MIN(wfs.StartingDateTime), MAX(wfs.EndingDateTime)) as varchar(100)) + ' ' + 'ms' AS ExecutionTime
FROM Process.WorkFlowSteps AS wfs
FULL OUTER JOIN DbSecurity.UserAuthorization AS ua
ON wfs.UserAuthorizationKey = ua.UserAuthorizationKey
WHERE wfs.UserAuthorizationKey = 1
GROUP BY wfs.WorkFlowStepKey, wfs.WorkFlowStepDescription, wfs.WorkFlowStepTableRowCount, ua.GroupMemberFirstName, ua.GroupMemberLastName;
```

Output:

GroupMemberLastName	GroupMemberFirstName	WorkFlowStepKey	WorkFlowStepDescription	WorkFlowStepTableRowCount	ExecutionTime
Kim	Erik	1	Drop Foreign Keys	0	163 ms
Kim	Erik	3	Truncate Data	0	113 ms
Kim	Erik	16	Add Foreign Keys	0	1871 ms
Kim	Erik	17	Load Star Schema Data	0	10984 ms



DANNY's JDBC EXECUTION

- ▶ Project2.Load_DimTerritory
- ▶ Project2.Load_SalesManagers
- ▶ Process.WorkflowSteps



Load_DimTerritory

SQLtoJDBC.exe by Erik Kim

Server:localhost

Port:12001

Database:BIClass

User:sa

Password:PH@123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

Input:

{ call Project2.Load_DimTerritory(?) }

Output:

TerritoryKey	TerritoryGroup	TerritoryCountry	TerritoryRegion	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1	North America	United States	Central	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499
2	Europe	Germany	Germany	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499
3	Pacific	Australia	Australia	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499
4	Europe	United Kingdom	United Kingdom	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499
5	North America	United States	Northwest	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499
6	Europe	France	France	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499
7	North America	United States	Northeast	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499
8	North America	Canada	Canada	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499
9	North America	United States	Southeast	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499
10	North America	United States	Southwest	3	2020-11-17 10:39:15.4111499	2020-11-17 10:39:15.4111499



Load_SalesManagers

SQLtoDBC.exe by Erik Kim

Server:localhost

Port:12001

Database:BIClass

User:sa

Password:PH0123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

Input

{ call Project2.Load_SalesManagers(?) }

Output:

SalesManagerKey	SalesManager	Category	Office	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1	Marco Russo	Socks	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
2	Marco Russo	Mountain Bikes	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
3	Marco Russo	Tires and Tubes	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
4	Alberto Ferrari	Cleaners	Seattle	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
5	Alberto Ferrari	Helmets	Seattle	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
6	Luis Bonifaz	Touring Bikes	Seattle	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
7	Maurizio Macagno	Caps	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
8	Maurizio Macagno	Bottles and Cages	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
9	Alberto Ferrari	Fenders	Seattle	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
10	Maurizio Macagno	Bike Stands	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
11	Luis Bonifaz	Vests	Seattle	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
12	Alberto Ferrari	Hydration Packs	Seattle	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
13	Alberto Ferrari	Gloves	Seattle	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
14	Marco Russo	Jerseys	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
15	Marco Russo	Shorts	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
16	Maurizio Macagno	Bike Racks	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861
17	Marco Russo	Road Bikes	Redmond	3	2020-11-17 10:38:28.69861	2020-11-17 10:38:28.69861



Process.WorkflowSteps

SQLtoDBC.exe by Erik Kim

Server:localhost

Port:12001

Database:BIClass

User:sa

Password:PH@123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

Input:

```
, wfs.WorkFlowStepDescription
, wfs.WorkFlowStepTableRowCount
, CAST(DATEDIFF(ms, MIN(wfs.StartingDateTime), MAX(wfs.EndingDateTime)) as varchar(100)) + ' ' + 'ms' AS ExecutionTime
FROM Process.WorkflowSteps AS wfs
FULL OUTER JOIN DoSecurity.UserAuthorization AS ua
ON wfs.UserAuthorizationKey = ua.UserAuthorizationKey
WHERE wfs.UserAuthorizationKey = 3
GROUP BY wfs.WorkFlowStepKey, wfs.WorkFlowStepDescription, wfs.WorkFlowStepTableRowCount, ua.GroupMemberFirstName, ua.GroupMemberLastName;
```

Output:

GroupMemberLastName	GroupMemberFirstName	WorkFlowStepKey	WorkFlowStepDescription	WorkFlowStepTableRowCount	ExecutionTime
Kong	Danny	10	Procedure: [Project2].[Load_SalesManagers] loads dat...	17	173 ms
Kong	Danny	15	Procedure: [Project2].[Load_DimTerritory] loads data int...	10	182 ms



HAIBO's JDBC EXECUTION

- ▶ Project2.Load_DimOccupation
- ▶ Project2.Load_DimOrderDate
- ▶ Process.workflowstep



WorkflowStep

Created by Erik Kim

Server:localhost

Port:12001

Database:BIClass

User:sa

Password:PH@123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

```

wfs.WorkFlowStepDescription
wfs.WorkFlowStepTableRowCount
CAST (DATEDIFF(ms, MIN(wfs.StartingDateTime), MAX(wfs.EndingDateTime)) as varchar(100)) + ' ' + 'ms' AS ExecutionTime
WorkflowSteps AS wfs
FROM DMSecurity.UserAuthorization AS ua
WHERE u.AuthorizationKey = UA.UserAuthorizationKey
WHERE u.AuthorizationKey = 7
wfs.WorkFlowStepKey, wfs.WorkFlowStepDescription, wfs.WorkFlowStepTableRowCount, ua.GroupMemberFirstName, ua.GroupMemberLastName;

```

GroupMemberLastName	GroupMemberFirstName	WorkFlowStepKey	WorkFlowStepDescription	WorkFlowStepTableRowCount
Haibo		13	Procedure: [Project2].[Load_DimOccupation] loads dat...	5
Haibo		14	Procedure: [Project2].[Load_DimOrderDate] loads data ...	1124

workflowstep



SQLtoDBCore by Erik Kim

Server:localhost

Port:12001

Database:BitClass

User:sa

Password:2B8123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

Input:

{ call Project2.Load_DimOrderDate(?) }

Output:

OrderDate	MonthName	MonthNumber	UserAuthorizationKey	DateAdded	DateOfLastUpdate
2005-07-01	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-02	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-03	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-04	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-05	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-06	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-07	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-08	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-09	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-10	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-11	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-12	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-13	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-14	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-15	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-16	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-17	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-18	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-19	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-20	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-21	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-22	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-23	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-24	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-25	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-26	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-27	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-28	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-29	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-30	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-07-31	July	7	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952
2005-08-01	August	8	7	2020-11-17 10:49:06.9792952	2020-11-17 10:49:06.9792952

Project2.Load_DimOrderdate



Server: localhost
Port: 12001
Database: BIClass
User: sa
Password: P#9123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

	Occupation	UserAuthorizationKey	DateAdded	DateOfLastUpdate
	Management	7	2020-11-17 10:48:00.8302766	2020-11-17 10:48:00.8302766
	Manual	7	2020-11-17 10:48:00.8302766	2020-11-17 10:48:00.8302766
	Skilled Manual	7	2020-11-17 10:48:00.8302766	2020-11-17 10:48:00.8302766
	Clerical	7	2020-11-17 10:48:00.8302766	2020-11-17 10:48:00.8302766
	Professional	7	2020-11-17 10:48:00.8302766	2020-11-17 10:48:00.8302766

Project2.Load_DimOccupation



HARJIT'S JDBC EXECUTION

- ▶ Project2.Load_MaritalStatus
- ▶ Project2.ShowTableStatusRowCount
- ▶ Process.WorkflowSteps



Load_MaritalStatus

SQLtoDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: SIClass
User: sa
Password: PHS123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

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

Output:

MaritalStatus	MaritalStatusDescription	UserAuthorizationKey	DateAdded	DateOfLastUpdate
M	Married	2	2020-11-17 10:59:41.9087979	2020-11-17 10:59:41.9087979
S	Single	2	2020-11-17 10:59:41.9087979	2020-11-17 10:59:41.9087979



ShowTableStatusRowCount

SQLtoIDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: BIClass
User: sa
Password: Ptt8123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project2.ShowTableStatusRowCount(?,?) }
```

Output:

TableStatus	TableName	Row Count
Row Count	CH01-01-Dimension.DimCustomer	18400
Row Count	CH01-01-Dimension.DimGender	2
Row Count	CH01-01-Dimension.DimMaritalStatus	2
Row Count	CH01-01-Dimension.DimOccupation	5
Row Count	CH01-01-Dimension.DimOrderDate	1124
Row Count	CH01-01-Dimension.DimProduct	130
Row Count	CH01-01-Dimension.DimProductCategory	3
Row Count	CH01-01-Dimension.DimProductSubcategory	17
Row Count	CH01-01-Dimension.DimTerritory	10
Row Count	CH01-01-Dimension.SalesManagers	17
Row Count	CH01-01-Fact Data	80398
Row Count	DbSecurity.UserAuthorization	7
Row Count	Process.WorkflowSteps	43



WorkflowSteps

SQLtoIDBC.exe by Erik Kim

Server:localhost

Port:12001

Database:BitClass

User:sa

Password:PH9123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

Input:

```
SELECT
    ua.GroupMemberLastName
    , ua.GroupMemberFirstName
    , wfs.WorkFlowStepKey
    , wfs.WorkFlowStepDescription
    , wfs.WorkFlowStepTableRowCount
    , CAST(DATEDIFF(ms, MIN(wfs.StartingDateTime), MAX(wfs.EndingDateTime)) as varchar(100)) + ' ' + 'ms' AS ExecutionTime
FROM Process.WorkFlowSteps AS wfs
FULL OUTER JOIN DbSecurity.UserAuthorization AS ua
ON wfs.UserAuthorizationKey = ua.UserAuthorizationKey
WHERE wfs.UserAuthorizationKey = 2
GROUP BY wfs.WorkFlowStepKey, wfs.WorkFlowStepDescription, wfs.WorkFlowStepTableRowCount, ua.GroupMemberFirstName, ua.GroupMemberLastName;
```

Output:

GroupMemberLastName	GroupMemberFirstName	WorkFlowStepKey	WorkFlowStepDescription	WorkFlowStepTableRowCount	ExecutionTime
Liyal	Harjit	5	Procedure: [Project2] [ShowStatusRowCount] loads dat.	0	9 ms
Liyal	Harjit	12	Procedure: [Project2] [Load_MaritalStatus] loads data i.	2	97 ms
Liyal	Harjit	18	Procedure: [Project2] [ShowStatusRowCount] loads dat.	0	50 ms



JAMIL's JDBC EXECUTION

- ▶ Project2.Load_DimProduct
- ▶ Project2.Load_Data
- ▶ Process.WorkflowSteps



Project2.Load_Data

SQLtoJDBC.exe by Erik Kim

Server: localhost

Port: 12001

Database: BIClass

User: sa

Password: PH@123456789

Connect Execute Execute & Print

Stored Procedure Execute

Input:

```
{ call Project2.Load_Data (?) }
```

Output:

Saleskey	SalesMa...	Occupati...	Territory...	Product...	Custom...	Product...	SalesMa...	Product...	Product...	Product...	Color	ModelN...	OrderQu...	UnitPrice	Product...	SalesA...	OrderDate	MonthN...	MonthN...	Year	Custom...	MaritalSt...	Gender	Education	Occupati...	Territory...	Territory...	Territory...	UserAut...	DateAdd...	DateOff...
1	2	4	5	43	11457	Bikes	Marco R...	Mountai...	BK-M82...	Mountai...	Silver	Mountai...	1	3399.99...	1912.15...	3399.99...	2005-07...	July	7	2005	Abigail ...	S	F	Partial H...	Clerical	Northwest	United S...	North A...	6	2020-11...	2020-11...
2	17	5	10	27	12181	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-08...	August	8	2005	Philip G...	M	M	Partial C...	Professi...	Southwe...	United S...	North A...	6	2020-11...	2020-11...
3	17	3	8	28	11315	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-12...	Decemb...	12	2005	Ryan Wi...	M	M	Bachelors	Skilled ...	Canada	Canada	North A...	6	2020-11...	2020-11...
4	17	3	10	28	4698	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-12...	Decemb...	12	2005	Elizabet...	M	F	Bachelors	Skilled ...	Southwe...	United S...	North A...	6	2020-11...	2020-11...
5	17	5	8	27	17887	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-12...	Decemb...	12	2005	Joseph ...	S	M	Partial C...	Professi...	Canada	Canada	North A...	6	2020-11...	2020-11...
6	2	1	10	43	7447	Bikes	Marco R...	Mountai...	BK-M82...	Mountai...	Silver	Mountai...	1	3399.99...	1912.15...	3399.99...	2006-05...	May	5	2006	Terry Rai	S	M	Bachelors	Manage...	Southwe...	United S...	North A...	6	2020-11...	2020-11...
7	17	1	10	27	5133	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2006-05...	May	5	2006	Steven ...	M	M	Bachelors	Manage...	Southwe...	United S...	North A...	6	2020-11...	2020-11...
8	17	1	5	28	14423	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2006-01...	January	1	2006	Sydney ...	M	F	Graduat...	Manage...	Northwest	United S...	North A...	6	2020-11...	2020-11...
9	17	3	3	28	5214	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-10...	October	10	2005	Jason B...	S	M	High Sc...	Skilled ...	Australia	Australia	Pacific	6	2020-11...	2020-11...
10	17	5	4	28	6252	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-10...	October	10	2005	Emman...	M	M	Partial C...	Professi...	United K...	United K...	Europe	6	2020-11...	2020-11...
11	17	5	5	27	4452	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-10...	October	10	2005	Samuel ...	S	M	High Sc...	Professi...	Northwest	United S...	North A...	6	2020-11...	2020-11...
12	17	4	10	28	18054	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-11...	Novemb...	11	2005	Latasha...	M	F	High Sc...	Clerical	Southwe...	United S...	North A...	6	2020-11...	2020-11...
13	17	4	3	84	2413	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-08...	August	8	2005	Dalton L...	S	M	Partial C...	Clerical	Australia	Australia	Pacific	6	2020-11...	2020-11...
14	17	5	10	23	14028	Bikes	Marco R...	Road Bi...	BK-R50...	Road-6...	Black	Road-650	1	699.9982	413.1463	699.9982	2005-10...	October	10	2005	Kaylee ...	M	F	Graduat...	Professi...	Southwe...	United S...	North A...	6	2020-11...	2020-11...
15	17	1	3	84	6064	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2006-05...	May	5	2006	Deanna ...	S	F	Graduat...	Manage...	Australia	Australia	Pacific	6	2020-11...	2020-11...
16	2	1	3	18	6521	Bikes	Marco R...	Mountai...	BK-M68...	Mountai...	Silver	Mountai...	1	2071.41...	1117.85...	2071.41...	2006-10...	October	10	2006	Felicia ...	M	F	Graduat...	Manage...	Australia	Australia	Pacific	6	2020-11...	2020-11...
17	17	3	2	46	6203	Bikes	Marco R...	Road Bi...	BK-R89...	Road-2...	Black	Road-250	1	2181.56...	1320.68...	2181.56...	2006-11...	Novemb...	11	2006	Deanna ...	M	F	Bachelors	Skilled ...	Germany	Germany	Europe	6	2020-11...	2020-11...
18	2	4	3	43	17340	Bikes	Marco R...	Mountai...	BK-M82...	Mountai...	Silver	Mountai...	1	3399.99...	1912.15...	3399.99...	2005-08...	August	8	2005	Bethany ...	M	F	Partial H...	Clerical	Australia	Australia	Pacific	6	2020-11...	2020-11...
19	17	1	10	27	17615	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-08...	August	8	2005	Logan ...	S	M	Graduat...	Manage...	Southwe...	United S...	North A...	6	2020-11...	2020-11...
20	17	2	6	28	14003	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-12...	Decemb...	12	2005	Albert G...	S	M	High Sc...	Manual	France	France	Europe	6	2020-11...	2020-11...
21	17	3	10	28	16883	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-12...	Decemb...	12	2005	Robert ...	M	M	Bachelors	Skilled ...	Southwe...	United S...	North A...	6	2020-11...	2020-11...
22	17	3	4	28	14898	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-09...	Septem...	9	2005	Allen Lo...	M	M	Bachelors	Skilled ...	United K...	United K...	Europe	6	2020-11...	2020-11...
23	17	5	3	28	15258	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-09...	Septem...	9	2005	Deanna ...	M	F	Bachelors	Professi...	Australia	Australia	Pacific	6	2020-11...	2020-11...
24	17	2	6	27	7638	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2006-04...	April	4	2006	Miguel L...	S	M	High Sc...	Manual	France	France	Europe	6	2020-11...	2020-11...
25	17	1	3	27	18377	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2006-04...	April	4	2006	Wendy ...	S	F	Graduat...	Manage...	Australia	Australia	Pacific	6	2020-11...	2020-11...
26	17	1	4	84	15592	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-08...	August	8	2005	Virginia ...	M	F	Partial C...	Manage...	United K...	United K...	Europe	6	2020-11...	2020-11...
27	17	5	3	84	10707	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-09...	Septem...	9	2005	Maria W...	S	F	Bachelors	Professi...	Australia	Australia	Pacific	6	2020-11...	2020-11...
28	17	1	3	84	1067	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2005-10...	October	10	2005	Cedric Z...	M	M	Bachelors	Manage...	Australia	Australia	Pacific	6	2020-11...	2020-11...
29	17	4	4	95	10895	Bikes	Marco R...	Road Bi...	BK-R50...	Road-6...	Red	Road-650	1	782.9900	486.7066	782.9900	2006-10...	October	10	2006	Courtne...	S	F	Graduat...	Clerical	United K...	United K...	Europe	6	2020-11...	2020-11...
30	17	1	8	84	4756	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2006-02...	February	2	2006	Justin B...	S	M	Graduat...	Manage...	Canada	Canada	North A...	6	2020-11...	2020-11...
31	17	5	10	84	9789	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2006-04...	April	4	2006	Alyssa ...	S	F	Graduat...	Professi...	Southwe...	United S...	North A...	6	2020-11...	2020-11...
32	17	5	3	27	7150	Bikes	Marco R...	Road Bi...	BK-R93...	Road-1...	Red	Road-150	1	3578.27...	2171.29...	3578.27...	2006-01...	January	1	2006	Brett Mal...	S	M	Bachelors	Professi...	Australia	Australia	Pacific	6	2020-11...	2020-11...

Project2.Load_DimProduct

SQLtoDBC.exe by Erik Kim

Server:localhost

Port:12001

Database:BIClass

User:sa

Password:PH@123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

Input:

{ call Project2.Load_DimProduct (?) }

Output:

ProductKey	ProductSubcategoryKey	ProductCategory	ProductSubcategory	ProductCode	ProductName	Color	ModelName	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1	3	Accessories	Bottles and Cages	BC-M005	Mountain Bottle Cage	NA	Mountain Bottle Cage	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
2	8	Accessories	Tires and Tubes	TI-T723	Touring Tire	NA	Touring Tire	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
3	9	Bikes	Mountain Bikes	BK-M38S-38	Mountain-400-W Silver, 38	Silver	Mountain-400-W	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
4	9	Bikes	Mountain Bikes	BK-M38S-40	Mountain-400-W Silver, 40	Silver	Mountain-400-W	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
5	9	Bikes	Mountain Bikes	BK-M38S-42	Mountain-400-W Silver, 42	Silver	Mountain-400-W	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
6	9	Bikes	Mountain Bikes	BK-M68B-38	Mountain-200 Black, 38	Black	Mountain-200	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
7	9	Bikes	Mountain Bikes	BK-M82B-42	Mountain-100 Black, 42	Black	Mountain-100	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
8	10	Bikes	Road Bikes	BK-R50B-58	Road-650 Black, 58	Black	Road-650	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
9	10	Bikes	Road Bikes	BK-R50R-60	Road-650 Red, 60	Red	Road-650	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
10	10	Bikes	Road Bikes	BK-R64Y-38	Road-550-W Yellow, 38	Yellow	Road-550-W	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
11	10	Bikes	Road Bikes	BK-R79Y-42	Road-350-W Yellow, 42	Yellow	Road-350-W	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
12	11	Bikes	Touring Bikes	BK-T18Y-44	Touring-3000 Yellow, 44	Yellow	Touring-3000	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
13	11	Bikes	Touring Bikes	BK-T79U-54	Touring-1000 Blue, 54	Blue	Touring-1000	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
14	11	Bikes	Touring Bikes	BK-T79Y-60	Touring-1000 Yellow, 60	Yellow	Touring-1000	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
15	15	Clothing	Shorts	SH-W890-S	Women's Mountain Shorts, S	Black	Women's Mountain Shorts	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
16	9	Bikes	Mountain Bikes	BK-M18B-52	Mountain-500 Black, 52	Black	Mountain-500	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
17	9	Bikes	Mountain Bikes	BK-M68B-42	Mountain-200 Black, 42	Black	Mountain-200	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
18	9	Bikes	Mountain Bikes	BK-M82B-44	Mountain-100 Black, 44	Black	Mountain-100	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
19	10	Bikes	Road Bikes	BK-R19B-52	Road-750 Black, 52	Black	Road-750	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
20	10	Bikes	Road Bikes	BK-R50R-62	Road-650 Red, 62	Red	Road-650	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
21	10	Bikes	Road Bikes	BK-R64Y-40	Road-550-W Yellow, 40	Yellow	Road-550-W	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
22	10	Bikes	Road Bikes	BK-R64Y-42	Road-550-W Yellow, 42	Yellow	Road-550-W	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
23	10	Bikes	Road Bikes	BK-R64Y-48	Road-550-W Yellow, 48	Yellow	Road-550-W	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
24	10	Bikes	Road Bikes	BK-R89B-52	Road-250 Black, 52	Black	Road-250	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
25	10	Bikes	Road Bikes	BK-R93R-52	Road-150 Red, 52	Red	Road-150	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
26	10	Bikes	Road Bikes	BK-R93R-56	Road-150 Red, 56	Red	Road-150	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
27	11	Bikes	Touring Bikes	BK-T18U-44	Touring-3000 Blue, 44	Blue	Touring-3000	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
28	11	Bikes	Touring Bikes	BK-T44U-50	Touring-2000 Blue, 50	Blue	Touring-2000	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
29	11	Bikes	Touring Bikes	BK-T44U-54	Touring-2000 Blue, 54	Blue	Touring-2000	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
30	14	Clothing	Jerseys	SJ-O194-M	Short-Sleeve Classic Jersey, M	Yellow	Short-Sleeve Classic Jersey	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
31	15	Clothing	Shorts	SH-W890-M	Women's Mountain Shorts, M	Black	Women's Mountain Shorts	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266
32	16	Clothing	Socks	SO-R809-M	Racing Socks, M	White	Racing Socks	6	2020-11-17 11:09:35.2230266	2020-11-17 11:09:35.2230266



Process.WorkflowSteps

SQLtoJDBC.exe by Erik Kim

Server: localhost

Port: 12001

Database: BIClass

User: sa

Password: PH@123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

Input:

```
SELECT
    ua.GroupMemberLastName
    , ua.GroupMemberFirstName
    , wfs.WorkFlowStepKey
    , wfs.WorkFlowStepDescription
    , wfs.WorkFlowStepTableRowCount
    , CAST(DATEDIFF(ms, MIN(wfs.StartingDateTime), MAX(wfs.EndingDateTime)) as varchar(100)) + ' ' + 'ms' AS ExecutionTime
FROM Process.WorkflowSteps AS wfs
FULL OUTER JOIN DbSecurity.UserAuthorization AS ua
ON wfs.UserAuthorizationKey = UA.UserAuthorizationKey
WHERE wfs.UserAuthorizationKey = 6
GROUP BY wfs.WorkFlowStepKey, wfs.WorkFlowStepDescription, wfs.WorkFlowStepTableRowCount, ua.GroupMemberFirstName, ua.GroupMemberLastName;
```

Output:

GroupMemberLastName	GroupMemberFirstName	WorkFlowStepKey	WorkFlowStepDescription	WorkFlowStepTableRowCount	ExecutionTime
Kocacal	Jamil	9	Procedure: [Project2].[Load_DimProduct] loads data int...	130	474 ms
Kocacal	Jamil	17	Procedure: [Project2].[Load_Data] loads data into [CH0...	60398	3441 ms



JONATHAN's JDBC EXECUTION

- ▶ DimProjectCategory Procedure
- ▶ DimProjectSubCategory Procedure
- ▶ WorkflowSteps



JONATHAN's JDBC EXECUTION

DimProductCategory

SQLtoJDBC.exe by Erik Kim

Server:localhost

Port:12001

Database:BIClass

User:sa

Password:PH@123456789

Connect

Execute

Execute & Print

Stored Procedure Execute

Input:

{ call Project2.Load_DimProductCategory(?) }

Output:

	ProductCategoryKey	ProductCategory	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1		Accessories	4	2020-11-17 11:19:54.4639839	2020-11-17 11:19:54.4639839
2		Bikes	4	2020-11-17 11:19:54.4639839	2020-11-17 11:19:54.4639839
3		Clothing	4	2020-11-17 11:19:54.4639839	2020-11-17 11:19:54.4639839



JONATHAN's JDBC EXECUTION

DimProductSubCategory

SQLtoJDBC.exe by Erik Kim

Server: localhost
Port: 13001
Database: BIClass
User: sa
Password: PH@123456789

ConnectExecuteExecute & PrintStored Procedure Execute

Input:
{ call Project2.Load_DimProductSubCategory(?) }

Output:

ProductSubCategoryKey	ProductCategoryKey	ProductSubcategory	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1	1	Bike Racks	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
2	1	Bike Stands	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
3	1	Bottles and Cages	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
4	1	Cleaners	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
5	1	Fenders	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
6	1	Helmets	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
7	1	Hydration Packs	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
8	1	Tires and Tubes	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
9	2	Mountain Bikes	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
10	2	Road Bikes	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
11	2	Touring Bikes	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
12	3	Caps	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
13	3	Gloves	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
14	3	Jerseys	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
15	3	Shorts	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
16	3	Socks	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235
17	3	Vests	4	2020-11-17 11:21:27.8290235	2020-11-17 11:21:27.8290235



JONATHAN's JDBC EXECUTION WorkflowSteps

SQLtoJDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: BIClass
User: sa
Password: FH\$123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
, wfs.WorkFlowStepDescription
, wfs.WorkFlowStepTableRowCount
, CAST(DATEDIFF(ms, MIN(wfs.StartingDateTime), MAX(wfs.EndingDateTime)) as varchar(100)) + ' ' + 'ms' AS ExecutionTime
FROM Process.WorkflowSteps AS wfs
FULL OUTER JOIN DbSecurity.UserAuthorization AS ua
ON wfs.UserAuthorizationKey = ua.UserAuthorizationKey
WHERE wfs.UserAuthorizationKey = 4
GROUP BY wfs.WorkFlowStepKey, wfs.WorkFlowStepDescription, wfs.WorkFlowStepTableRowCount, ua.GroupMemberFirstName, ua.GroupMemberLastName;
```

Output:

	GroupMemberLastName	GroupMemberFirstName	WorkFlowStepKey	WorkFlowStepDescription	WorkFlowStepTableRowCount	ExecutionTime
Eng		Jonathan	7	Procedure: [Projed2].[Load_DimProductCategory] loads...	3	81 ms
Eng		Jonathan	8	Procedure: [Projed2].[Load_DimProductSubCategory] L...	17	134 ms



Marlon's JDBC EXECUTION

- ▶ Project2.Load_DimCustomer
- ▶ Project2.Load_DimGender
- ▶ Process.WorkflowSteps



Marlon's JDBC Execution: Load_DimCustomer

SQLtoJDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: BIClass
User: sa
Password: PH0123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project2.Load_DimCustomer(?) }
```

Output:

	CustomerKey	CustomerName	UserAuthorizationKey	DateAdded	DateOfLastUpdate
1		Jerry Shan	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
2		Ross Ramos	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
3		Kristen Zhang	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
4		Janelle Perez	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
5		Karl Luo	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
6		Shaun Goel	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
7		Daniel Johnson	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
8		Ebony Romero	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
9		Jamie Yang	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
10		Deanna Ramos	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
11		Hunter Griffin	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
12		Kara Becker	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
13		Amber Evans	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
14		Mason Phillips	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
15		Sheena Nara	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
16		Franklin Chandler	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
17		Rachel Blue	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
18		Savannah Hernandez	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
19		Mya Butler	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
20		Samuel Rodriguez	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
21		Jenny Sun	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
22		Wyatt Bennett	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
23		Omar Ma	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
24		Desiree Ortega	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
25		Cassie Rai	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
26		Janet Gill	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
27		Gilbert Nara	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
28		Latoya Becker	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
29		Anthony Garcia	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
30		Miguel Hill	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
31		Cameron Johnson	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
32		Daisy Ortega	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
33		James Wright	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
34		Tamara Lal	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
35		Teresa Jimenez	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169
36		Andrea Howard	5	2020-11-17 11:25:33.1654169	2020-11-17 11:25:33.1654169

Marlon's JDBC Execution: Load_DimGender

SQLtoJDBC.exe by Erik Kim

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

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
{ call Project2.Load_DimGender(?) }
```

Output:

Gender	GenderDescription	UserAuthorizationKey	DateAdded	DateOfLastUpdate
F	Female	5	2020-11-17 11:24:52.7643359	2020-11-17 11:24:52.7643359
M	Male	5	2020-11-17 11:24:52.7643359	2020-11-17 11:24:52.7643359



Marlon's JDBC Execution: WorkflowSteps

SQLtoJDBC.exe by Erik Kim

Server: localhost
Port: 12001
Database: BIClass
User: sa
Password: PH0123456789

Connect Execute Execute & Print Stored Procedure Execute

Input:

```
, wfs.WorkFlowStepDescription
, wfs.WorkFlowStepTableRowCount
, CAST(DATEDIFF(ms, MIN(wfs.StartingDateTime), MAX(wfs.EndingDateTime)) as varchar(100)) + ' ' + 'ms' AS ExecutionTime
FROM Process.WorkflowSteps AS wfs
FULL OUTER JOIN DbSecurity.UserAuthorization AS ua
ON wfs.UserAuthorizationKey = ua.UserAuthorizationKey
WHERE wfs.UserAuthorizationKey = 5
GROUP BY wfs.WorkFlowStepKey, wfs.WorkFlowStepDescription, wfs.WorkFlowStepTableRowCount, ua.GroupMemberFirstName, ua.GroupMemberLastName;
```

Output:

GroupMemberLastName	GroupMemberFirstName	WorkFlowStepKey	WorkFlowStepDescription	WorkFlowStepTableRowCount	ExecutionTime
Louis	Marlon	11	Procedure: [Project2].[Load_DimGender] loads data int...	2	143 ms
Louis	Marlon	16	Procedure: [Project2].[Load_DimCustomer] loads data i...	18400	2900 ms

