

Please turn in just this page. Leave your database intact with your tables populated. If your db does not have data in the target tables you will receive a 0.

Place a results set screen shot of your successfully imported fudgenbook\$ source here:

SQL Server Import and Export Wizard

The execution was successful

Success

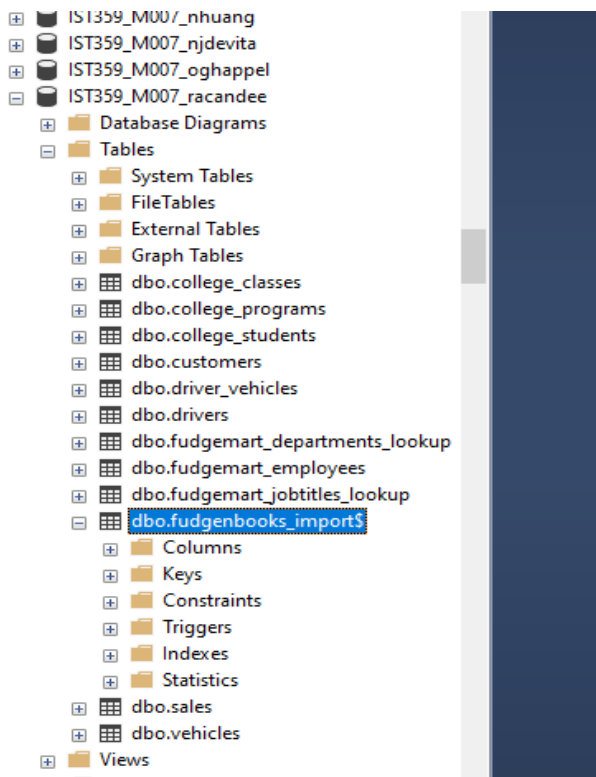
11 Total	0 Error
11 Success	0 Warning

Details:

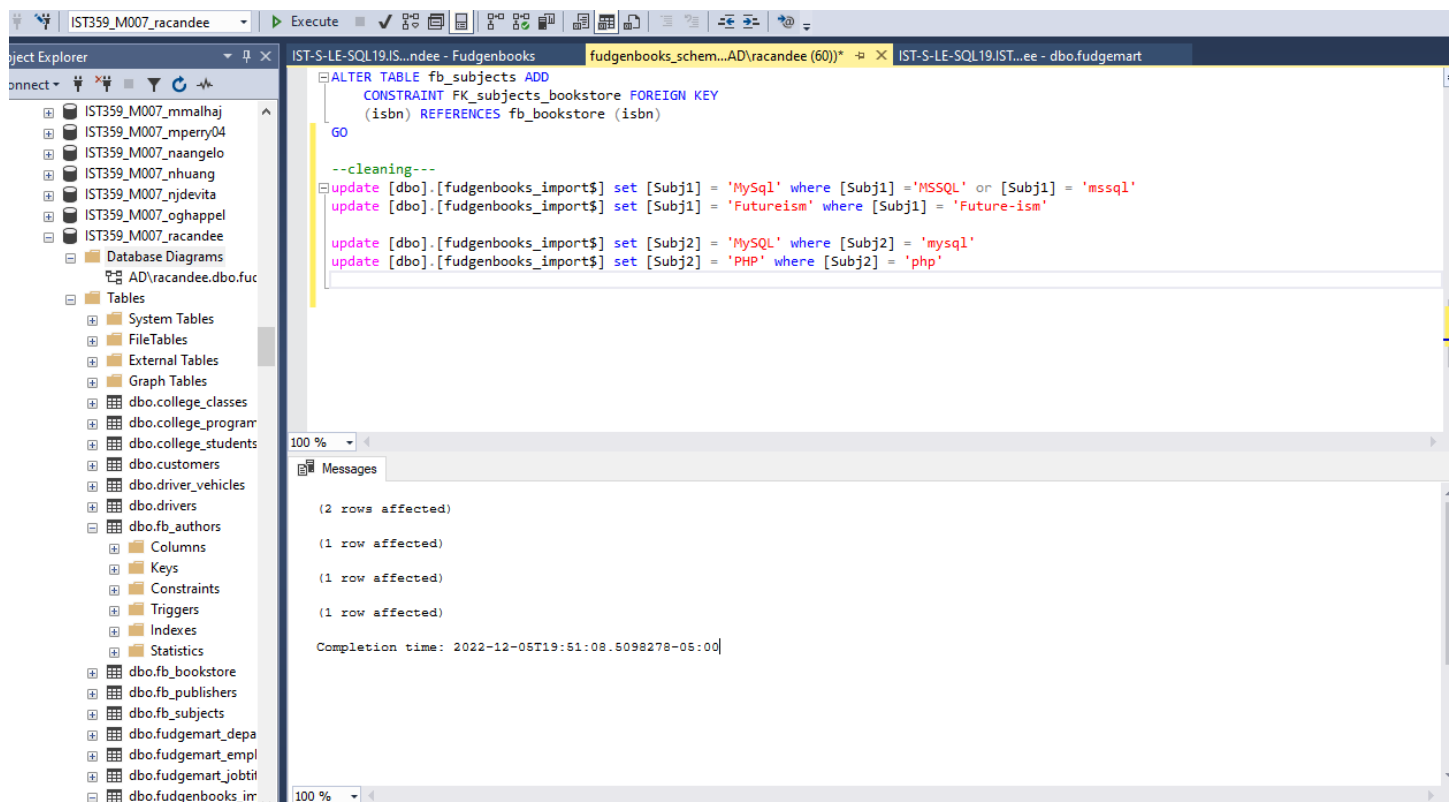
Action	Status	Message
Initializing Data Flow Task	Success	
Initializing Connections	Success	
Setting SQL Command	Success	
Setting Source Connection	Success	
Setting Destination Connection	Success	
Validating	Success	
Prepare for Execute	Success	
Pre-execute	Success	
Executing	Success	
Copying to [dbo].[fudgenbooks_import\$]	Success	8 rows transferred
Post-execute	Success	

Filter Stop Report Close

dbo.Source Data\$ Columns



Place a screen shot of your cleansing results and code here:



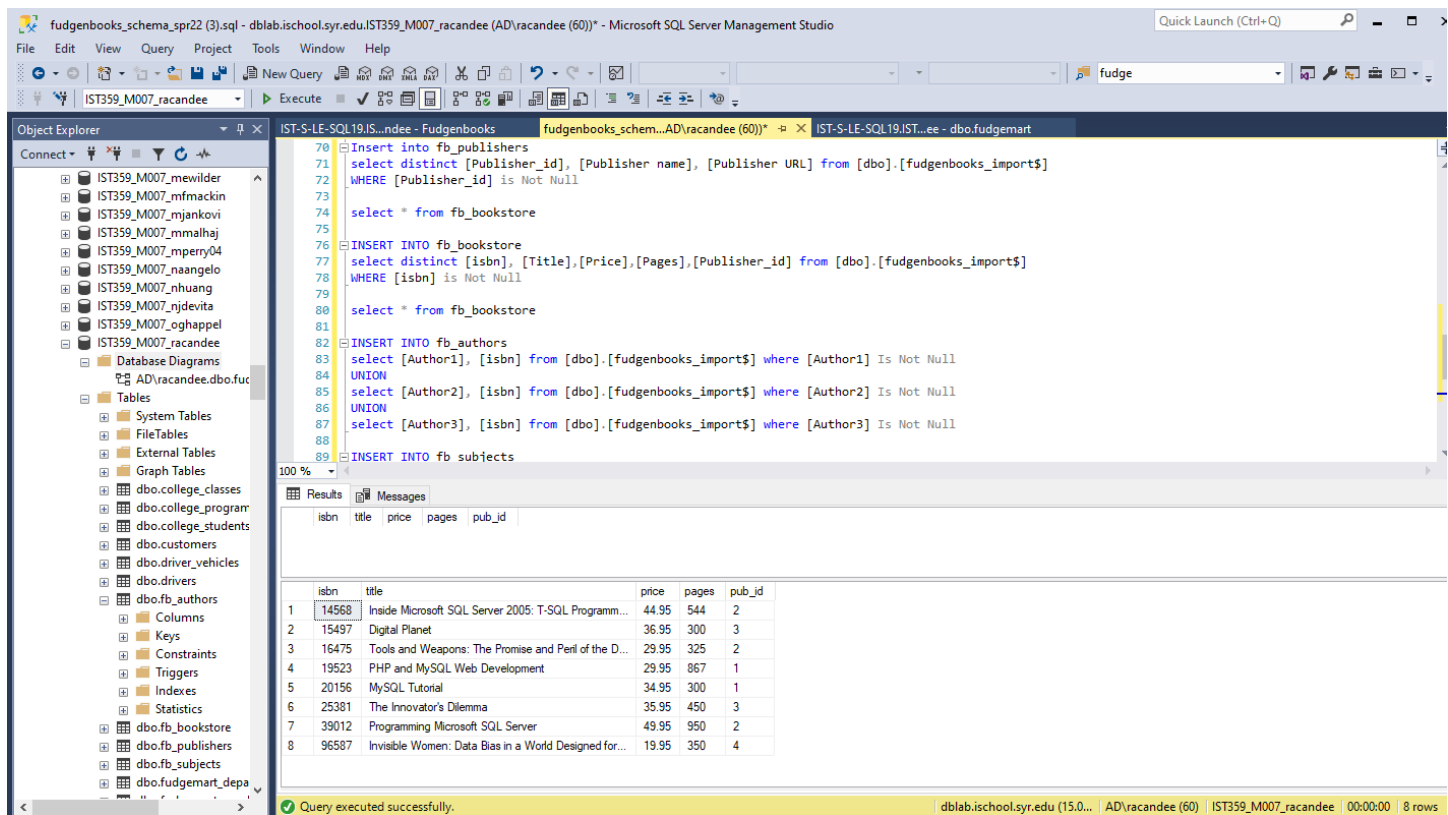
Place a screen shot of each of your populated tables and code below:



```
70 INSERT INTO fb_publishers
71 select distinct [Publisher_id], [Publisher name], [Publisher URL] from [dbo].[fudgebooks_import$]
72 WHERE [Publisher_id] is Not Null
73
74 select * from fb_bookstore
75
76 INSERT INTO fb_bookstore
77 select distinct [isbn], [Title],[Price],[Pages],[Publisher_id] from [dbo].[fudgebooks_import$]
78 WHERE [isbn] is Not Null
79
80 select * from fb_bookstore
81
82 INSERT INTO fb_authors
83 select [Author1], [isbn] from [dbo].[fudgebooks_import$] where [Author1] Is Not Null
84 UNION
85 select [Author2], [isbn] from [dbo].[fudgebooks_import$] where [Author2] Is Not Null
86 UNION
87 select [Author3], [isbn] from [dbo].[fudgebooks_import$] where [Author3] Is Not Null
88
89 INSERT INTO fb_subjects
```

Results Messages

isbn	title	price	pages	pub_id
------	-------	-------	-------	--------



Object Explorer

- IST359_M007_mewilder
- IST359_M007_mfmackin
- IST359_M007_mjankovi
- IST359_M007_mmalhaj
- IST359_M007_mperny04
- IST359_M007_naangelo
- IST359_M007_nhuang
- IST359_M007_njdevita
- IST359_M007_oghappel
- IST359_M007_racandee
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.college_classes
 - dbo.college_program
 - dbo.college_students
 - dbo.customers
 - dbo.driver_vehicles
 - dbo.drivers
 - dbo.fb_authors
 - dbo.fb_bookstore
 - dbo.fb_publishers
 - dbo.fb_subjects
 - dbo.fudgemart_depa

```
70 INSERT INTO fb_publishers
71 select distinct [Publisher_id], [Publisher name], [Publisher URL] from [dbo].[fudgebooks_import$]
72 WHERE [Publisher_id] is Not Null
73
74 select * from fb_bookstore
75
76 INSERT INTO fb_bookstore
77 select distinct [isbn], [Title],[Price],[Pages],[Publisher_id] from [dbo].[fudgebooks_import$]
78 WHERE [isbn] is Not Null
79
80 select * from fb_bookstore
81
82 INSERT INTO fb_authors
83 select [Author1], [isbn] from [dbo].[fudgebooks_import$] where [Author1] Is Not Null
84 UNION
85 select [Author2], [isbn] from [dbo].[fudgebooks_import$] where [Author2] Is Not Null
86 UNION
87 select [Author3], [isbn] from [dbo].[fudgebooks_import$] where [Author3] Is Not Null
88
89 INSERT INTO fb_subjects
```

Results Messages

isbn	title	price	pages	pub_id
1	14568 Inside Microsoft SQL Server 2005: T-SQL Programm...	44.95	544	2
2	15497 Digital Planet	36.95	300	3
3	16475 Tools and Weapons: The Promise and Peril of the D...	29.95	325	2
4	19523 PHP and MySQL Web Development	29.95	867	1
5	20156 MySQL Tutorial	34.95	300	1
6	25381 The Innovator's Dilemma	35.95	450	3
7	39012 Programming Microsoft SQL Server	49.95	950	2
8	96587 Invisible Women: Data Bias in a World Designed for...	19.95	350	4

Query executed successfully. dblab.ischool.syr.edu (15.0... AD/racandee (60) IST359_M007_racandee 00:00:00 8 rows

```

88
89 INSERT INTO fb_subjects
90 select [Subj1], [isbn] from [dbo].[fudgenbooks_import$] where [Subj1] is not null
91 UNION
92 select [Subj2], [isbn] from [dbo].[fudgenbooks_import$] where [Subj2] is not null
93

```

100 %

Results Messages

	isbn	title	price	pages	pub_id
1	14568	Inside Microsoft SQL Server 2005: T-SQL Programm...	44.95	544	2
2	15497	Digital Planet	36.95	300	3
3	16475	Tools and Weapons: The Promise and Peril of the D...	29.95	325	2
4	19523	PHP and MySQL Web Development	29.95	867	1
5	20156	MySQL Tutorial	34.95	300	1
6	25381	The Innovator's Dilemma	35.95	450	3
7	39012	Programming Microsoft SQL Server	49.95	950	2
8	96587	Invisible Women: Data Bias in a World Designed for...	19.95	350	4

Query executed successfully. dblab.ischool.syr.edu (15.0... AD\racandee (60) IST359_M007_racandee 00:00:00 8 rows

Place screen shots of BOTH your row count results and your full verification results with the code below:

```

93
94 select count(*) from fb_publishers as fb_publishers_rows
95 select count(*) from fb_bookstore as fb_bookstore_rows
96 select count(*) from fb_authors as fb_authors_rows
97 select count(*) from fb_subjects as fb_subjects_rows

```

100 %

Results Messages

	(No column name)
1	4

	(No column name)
1	8

	(No column name)
1	16

	(No column name)
1	14

Query executed successfully. dblab.ischool.syr.edu (15.0... AD\racandee (60) IST359_M007_racandee 00:00:00 4 rows

100 %

Results Messages

	isbn	title	price	pages	pub_id
1	14568	Inside Microsoft SQL Server 2005: T-SQL Programm...	44.95	544	2
2	15497	Digital Planet	36.95	300	3
3	16475	Tools and Weapons: The Promise and Peril of the D...	29.95	325	2
4	19523	PHP and MySQL Web Development	29.95	867	1
5	20156	MySQL Tutorial	34.95	300	1
6	25381	The Innovator's Dilemma	35.95	450	3
7	39012	Programming Microsoft SQL Server	49.95	950	2
8	96587	Invisible Women: Data Bias in a World Designed for...	19.95	350	4

(No column name)
1 4

(No column name)
1 8

(No column name)
1

Query executed successfully. dblab.ischool.syr.edu (15.0... AD\racandee (60) IST359_M007_racandee 00:00:00 0 rows

Whole code:

```
if exists(select * from information_schema.tables where table_name='fb_authors')
    drop table fb_authors;
if exists(select * from information_schema.tables where table_name='fb_subjects')
    drop table fb_subjects;
if exists(select * from information_schema.tables where table_name='fb_bookstore')
    drop table fb_bookstore;
    if exists(select * from information_schema.tables where table_name='fb_publishers')
        drop table fb_publishers;
```

```
CREATE TABLE fb_authors (
    author varchar (50) NOT NULL ,
    isbn int NOT NULL,
    constraint pk_auth_isbn primary key (author, isbn)
)
```

```
CREATE TABLE fb_bookstore (
    isbn int NOT NULL primary key ,
    title varchar (255),
    price money NOT NULL,
    pages int NOT NULL ,
    pub_id int NOT NULL
)
GO
```

```
CREATE TABLE fb_publishers (
    pub_id int NOT NULL primary key ,
    pub_name varchar (255) NULL ,
    pub_url varchar (255) NULL
)
GO
```

```
CREATE TABLE fb_subjects (
    subj varchar (50) NOT NULL ,
    isbn int NOT NULL,
    constraint pk_subj_isbn primary key (subj, isbn)
)
GO
```

```

-- foreign key constraints --
ALTER TABLE fb_authors
ADD
    CONSTRAINT FK_authors_bookstore FOREIGN KEY
    (isbn) REFERENCES fb_bookstore (isbn)
GO

ALTER TABLE fb_bookstore
ADD
    CONSTRAINT FK_bookstore_publishers FOREIGN KEY
    (pub_id) REFERENCES fb_publishers (pub_id)
GO

ALTER TABLE fb_subjects ADD
    CONSTRAINT FK_subjects_bookstore FOREIGN KEY
    (isbn) REFERENCES fb_bookstore (isbn)
GO

--cleaning---
update [dbo].[fudgenbooks_import$] set [Subj1] = 'MySql' where [Subj1] = 'MSSQL' or [Subj1] = 'mssql'
update [dbo].[fudgenbooks_import$] set [Subj1] = 'Futureism' where [Subj1] = 'Future-ism'

update [dbo].[fudgenbooks_import$] set [Subj2] = 'MySQL' where [Subj2] = 'mysql'
update [dbo].[fudgenbooks_import$] set [Subj2] = 'PHP' where [Subj2] = 'php'

update [dbo].[fudgenbooks_import$] set [Publisher URL]='http://www.microsoft.com/mspress' where
[Publisher_ID]=2
--transforming---

Insert into fb_publishers
select distinct [Publisher_id], [Publisher name], [Publisher URL] from [dbo].[fudgenbooks_import$]
WHERE [Publisher_id] is Not Null

select * from fb_bookstore

INSERT INTO fb_bookstore
select distinct [isbn], [Title],[Price],[Pages],[Publisher_id] from [dbo].[fudgenbooks_import$]
WHERE [isbn] is Not Null

select * from fb_bookstore

INSERT INTO fb_authors
select [Author1], [isbn] from [dbo].[fudgenbooks_import$] where [Author1] Is Not Null
UNION
select [Author2], [isbn] from [dbo].[fudgenbooks_import$] where [Author2] Is Not Null
UNION
select [Author3], [isbn] from [dbo].[fudgenbooks_import$] where [Author3] Is Not Null

INSERT INTO fb_subjects
select [Subj1], [isbn] from [dbo].[fudgenbooks_import$] where [Subj1] is not null
UNION
select [Subj2], [isbn] from [dbo].[fudgenbooks_import$] where [Subj2] is not null

select count(*) from fb_publishers as fb_publishers_rows
select count(*) from fb_bookstore as fb_bookstore_rows
select count(*) from fb_authors as fb_authors_rows

select count(*) from fb_subjects as fb_subjects_rows

```