

Assignment 05

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The screenshot displays the Microsoft SQL Server Management Studio interface. The title bar indicates the current file is 'U6188089_Assignment05.sql - (local).NEWS (DESKTOP-QOG5361\nammy (58))'. The menu bar includes File, Edit, View, Query, Project, Tools, Window, and Help. The toolbar contains various icons for file operations, query execution, and formatting. The Object Explorer on the left shows the database structure for 'NEWS', including tables like 'dbo.News' and 'dbo.Place'. The main query editor shows the following SQL query:

```
-- Q1 : What are the news 'topic' that that happens in 'China'?  
SELECT News.News_ID, News.News_Topic, Place.News_Country  
FROM News  
INNER JOIN Place ON Place.News_ID = News.News_ID  
WHERE Place.News_Country = 'China'
```

The query results are displayed in a table with three columns: News_ID, News_Topic, and News_Country. The results show three rows of data:

News_ID	News_Topic	News_Country
000	China advances alternative Covid theories	China
777	Tesla Model 3 and Y EVs prices drop in affordabil...	China
888	The best open wireless earbuds that aren't AirPods	China

The status bar at the bottom indicates 'Query executed successfully.' and shows the current position in the document: Ln 9, Col 81, Ch 81, INS.

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The screenshot displays the Microsoft SQL Server Management Studio interface. The title bar indicates the connection to 'U6188089_Assignment05.sql - (local).NEWS (DESKTOP-QOG5361\nammy (64))'. The 'Object Explorer' on the left shows a tree view of the database structure, including 'Databases', 'System Databases', 'Database Snapshots', 'Assignment_01 (Restoring)', 'ICTTutorial_TEST', 'MyDB (Restoring...)', 'myFriends', and 'NEWS'. The 'NEWS' database is expanded, showing 'Database Diagrams', 'Tables', 'System Tables', 'FileTables', 'External Tables', 'Graph Tables', 'dbo.Date', 'dbo.Event', 'dbo.Evidence', 'dbo.News', and 'dbo.Place'. The 'Query Editor' in the center contains the following SQL query:

```
-- Q2 : What are the news 'topic', 'description' from 'CNN' agency that happens in 'United States'?  
SELECT News.News_ID, Place.News_Country, News.News_Topic, Event.News_Description  
FROM News  
INNER JOIN Place ON Place.News_ID = News.News_ID  
INNER JOIN Event ON Event.News_ID = News.News_ID  
WHERE News.News_Agency = 'CNN' AND Place.News_Country = 'United States'
```

The 'Results' pane at the bottom shows the output of the query, which consists of two rows of data:

	News_ID	News_Country	News_Topic	News_Description
1	111	United States	The Supreme Court is still sitting on Trump's tax returns, and justices aren't saying why	Lawsuits involving Donald Trump tore apart the Supreme Court while he was president, and the justices apparently remain riven by him
2	222	United States	Millions are without power and cold. Some are even dying	As hundreds of thousands of Texans struggle for heat and water because of utility outages for a fifth consecutive day, more potentially deadly storms are hitting...

The status bar at the bottom indicates 'Query executed successfully.' and shows the execution time as '00:00:00' for 2 rows.

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The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar indicates the connection is to 'U6188089_Assignment05.sql - (local).NEWS (DESKTOP-QOG5361\nammy (64))'. The Object Explorer on the left shows a tree view of the database structure, including Databases, System Databases, Database Snapshots, Assignment_01 (Restoring), ICTTutorial_TEST, MyDB (Restoring...), myFriends, and NEWS. The NEWS database is expanded, showing its tables: System Tables, FileTables, External Tables, Graph Tables, dbo.Date, dbo.Event, dbo.Evidence, dbo.News, and dbo.Place. The main query editor displays the following SQL query:

```
-- Q3 : What is the news 'agency', 'country' that 'David Carnoy' directed on '2021-02-18'?  
SELECT News.News_ID, News.News_Agency, Place.News_Country, Evidence.News_Director, Date.News_Date  
FROM News  
INNER JOIN Place ON Place.News_ID = News.News_ID  
INNER JOIN Date ON Date.News_ID = News.News_ID  
INNER JOIN Evidence ON Evidence.News_ID = News.News_ID  
WHERE Evidence.News_Director = 'David Carnoy' AND Date.News_Date = '2021-02-18'
```

The query results are displayed in the Results pane below the query editor. The results show a single row with the following data:

	News_ID	News_Agency	News_Country	News_Director	News_Date
1	888	CNET	China	David Carnoy	2021-02-18 00:00:00.0000000

The status bar at the bottom indicates 'Query executed successfully.' and '1 rows'.