

TABLES

Teacher	CourseN	Quarter	TeacherName	LocationNTime	CourseN	Quarter	DayTime	RoomN
	4550	Spring 2005	Karen Reed		3600	Winter2011	TH7:00PM	34
	3700	Winter 2008	John Smith		4550	Summer2012	M2:00PM, and W2:00PM	34
	4550	Fall 2006	Karen Reed		3700	Fall 2006	T8:00AM, and TH8:00AM	723
	3250	Winter 2009	John Smith		3250	Winter2009	F3:00PM	713
	4550	Fall 2006	Edwin Peak					
Course	CourseN	CourseName	Nunit	Student	studentName	CourseN	Quarter	
	4550	Computer Architecture	4		Ron Smith	3250	Winter 2009	
	3700	Computers and Society	3		David Weidman	3700	Winter 2008	
	3250	Artificial Intelligence	4		David Weidman	3700	Winter 2009	
	3600	Software Engineering	4		Leslie Aleman	4550	Fall 2006	

QUERIES

SQL File 7*

```

1 • Select
2   DISTINCT TeacherName
3   From
4   Teacher T
5   Left Join LocationNTime LNT On T.CourseN = LNT.CourseN
6   Where
7   LNT.RoomN = 34
8   and T.Quarter = 'Winter2011';

```

Result Grid

TeacherName

SQL File 7*

```

1 • Select
2   C.CourseN,
3   C.CourseN
4   From
5   Course C
6   Left Join LocationNTime LNT On LNT.CourseN = C.CourseN
7   Left Join Teacher T On LNT.CourseN = T.CourseN
8   Where
9   LNT.DayTime = 'Monday'
10  and LNT.DayTime > 12;

```

Result Grid

CourseN	CourseN
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SQL File 7*

```

1 • Select      T.TeacherName
2   From        Teacher T
3   Left Join   LocationNTime LNT
4   On          T.CourseN = LNT.CourseN
5   Where      LNT.RoomN = 723;
6

```

Result Grid

TeacherName
John Smith

SQL File 7*

```

1 • Select
2   T.CourseN,
3   T.Quarter,
4   LNT.RoomN,
5   LNT.DayTime
6   From
7   Teacher T
8   Left Join LocationNTime LNT On T.CourseN = LNT.CourseN
9   Where
10  T.TeacherName = 'Karen Reed'
11  and T.Quarter = 'Spring2005';

```

Result Grid

CourseN	Quarter	RoomN	DayTime
4550	Spring2005	34	M2:00PM, and W2:00PM

SQL File 7* x

```

1 • select
2   C.CourseN,
3   T.TeacherName
4 from
5   Teacher T
6 left join Course C on T.CourseN = C.CourseN
7 left join Student S on C.CourseN = S.CourseN
8 where
9   S.studentName = 'Ron Smith'
10  or S.studentName = 'David Weidman';

```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

CourseN	TeacherName
3700	John Smith
3700	John Smith
3250	John Smith

SQL File 7* x

```

1 • Select
2   C.CourseN,
3   T.Quarter
4 from
5   Course C
6 left join Teacher T on T.CourseN = C.CourseN
7 left join LocationNTime LNT on LNT.CourseN = T.CourseN
8 where
9   T.TeacherName = 'Karen Reed'
10  or LNT.RoomN = 713;

```

Result Grid | Filter Rows: | Exports: | Wrap Cell Contents: |

CourseN	Quarter
4550	Spring2005
4550	Fall2006
3250	Winter2009

SQL File 7* x

```

1 • select
2   TeacherName,
3   count(CourseN)
4 from
5   Teacher
6 group by
7   TeacherName
8 having
9   count(CourseN) >= 2;

```

Result Grid | Filter Rows: | Exports: |

TeacherName	count(CourseN)
Karen Reed	2
John Smith	2

SQL File 7* x

```

1 • Select
2   DISTINCT TeacherName,
3   count(T.CourseN)
4 from
5   Teacher T
6 left join Course C on T.CourseN = C.CourseN
7 where
8   (
9     Group By
10    Teacher Name
11    Having
12    count(T.CourseN)
13  ) >= 2;

```

SQL File 7* x

```

1 • select
2   C.CourseN,
3   C.CourseName,
4   L.Quarter
5 from
6   Course C
7 left join LocationNTime L on C.CourseN = L.CourseN
8 where
9   Count(C.Course) >= 2;

```

SQL File 7* x

```

1 • Select
2   CourseN,
3   CourseName
4 from
5   Course
6 where
7   Nunit > 4;

```

Result Grid | Filter Rows: |

CourseN	CourseName
NULL	NULL

SQL File 7* x

Limit to 1000 rows

```
1 • Select
2   C.CourseN,
3   S.studentName
4 From
5   Course C
6   Left Join Student S On C.CourseN = S.CourseN
7 Group By
8   S.studentName
9 Having
10  count(C.CourseN) >= 2;
```

Result Grid | Filter Rows: | Export: | Wrap Cell

	CourseN	studentName
▶	3700	David Weidman

SQL File 7* x

Limit to 1000 rows

```
1 • select
2   C.*,
3   T.*
4 from
5   Course C
6   left join Teacher T on C.CourseN = T.CourseN
7 order by
8   CourseN asc,
9   CourseName desc;
```

SQL File 7* x

```
1 • Select
2   CourseN,
3   Quarter
4 From
5   Teacher
6 Group By
7   CourseN,
8   Quarter
9 Having
10  count(*) = 2
11 Order By
12  CourseN desc;
```

Result Grid | Filter Rows: |

	CourseN	Quarter
▶	4550	Fall2006