

SQLQuery9.sql - localhost.pubs (sa (67))* X SQLQuery6.sql - localhos

```
-- EX 1

SELECT s.stor_id,
       t.title_id,
       s.qty,
       t.price,
       t.advance,
       t.price as [avg]

FROM   sales s
JOIN   titles t ON s.title_id = t.title_id
WHERE  t.advance < 5000
```

83 %

Results Messages

	stor_id	title_id	qty	price	advance	avg
1	6380	PS2091	3	10.95	2275.00	10.95
2	7066	PS2091	75	10.95	2275.00	10.95
3	7067	PS2091	10	10.95	2275.00	10.95
4	7067	TC4203	20	11.95	4000.00	11.95
5	7131	PS2091	20	10.95	2275.00	10.95
6	7131	PS3333	15	19.99	2000.00	19.99
7	7131	PS7777	25	7.99	4000.00	7.99
8	7896	MC2222	10	19.99	0.00	19.99

```
--EX 2
```

```
SELECT t.title_id,  
       SUBSTRING(t.title, 1, 30) AS title,  
       p.pub_id,  
       p.pub_name  
  
FROM titles t  
JOIN publishers p ON t.pub_id = p.pub_id  
  
WHERE (p.pub_name LIKE '%s' OR p.pub_name LIKE '%y')  
AND    (p.pub_name NOT LIKE 'G%')  
AND    t.price > 15.00  
  
ORDER BY p.pub_name
```

83 %

Results Messages

	title_id	title	pub_id	pub_name
1	BU1032	The Busy Executive's Database	1389	Algodata Infosystems
2	BU7832	Straight Talk About Computers	1389	Algodata Infosystems
3	PC1035	But Is It User Friendly?	1389	Algodata Infosystems
4	PC8888	Secrets of Silicon Valley	1389	Algodata Infosystems
5	MC2222	Silicon Valley Gastronomic Tre	0877	Binnet & Hardley
6	PS1372	Computer Phobic AND Non-Phobic	0877	Binnet & Hardley
7	TC3218	Onions, Leeks, and Garlic: Co	0877	Binnet & Hardley
8	PS3333	Prolonged Data Deprivation: Fo	0736	New Moon Books

ACTUALY EXAMPLE 3:

The screenshot displays the SQL Server Enterprise Manager interface. At the top, there are three tabs: 'SQLQuery4.sql - localhost.pubs (sa (67))', 'SQLQuery2.sql - localhost.pubs (sa (60))', and 'SQLQuery3.sql - localhost.pubs (sa (51))'. The active tab is 'SQLQuery4.sql'. The query editor shows the following SQL code:

```
-- EX 4

CREATE VIEW vw_emp_info
AS

SELECT e.emp_id,
       e.fname,
       e.lname,
       j.job_id,
       j.job_desc,
       p.pub_name

FROM employee e
JOIN jobs j ON e.job_id = j.job_id
JOIN publishers p ON e.pub_id = p.pub_id

--test view

SELECT *
FROM vw_emp_info
WHERE lname LIKE 'S%'
```

Below the query editor, the 'Results' tab is selected, showing a table with 5 rows and 7 columns. The columns are: emp_id, fname, lname, job_id, job_desc, and pub_name. The data is as follows:

	emp_id	fname	lname	job_id	job_desc	pub_name
1	MMS49649F	Mary	Saveley	8	Public Relations Manager	New Moon Books
2	CGS88322F	Carine	Schmitt	13	Sales Representative	Algodata Infosystems
3	MAS70474F	Margaret	Smith	9	Acquisitions Manager	Algodata Infosystems
4	HAS54740M	Howard	Snyder	12	Editor	New Moon Books
5	MFS52347M	Martin	Sommer	10	Productions Manager	New Moon Books

```
-- EX 4
```

```
SELECT au_id,  
       (au_fname + ' ' + au_lname) AS Name,  
       phone  
  
FROM authors a  
WHERE a.au_id IN  
  
      (SELECT ta.au_id  
       FROM titleauthor ta  
       WHERE ta.title_id IN  
  
            (SELECT t.price  
             FROM titles t  
             WHERE t.price > 20.00  
            )  
      )  
  
order by a.au_id
```

ex5.sql - localhost.pubs (sa (68))* X SQLQuery12.sql - lo...lhost.pubs (sa (52))* SQ

```
-- EX 5

CREATE PROCEDURE sp_emp_hire_date
(@param_date_1 datetime,
 @param_date_2 datetime
)
AS

SELECT e.emp_id,
       (e.lname + ', ' + e.fname) AS Name,
       j.job_desc,
       convert(varchar(12), e.hire_date, 109) AS HireDate

FROM jobs j
JOIN employee e ON j.job_id = e.job_id

WHERE e.hire_date BETWEEN @param_date_1 AND @param_date_2

ORDER BY e.emp_id
GO

-- TEST

EXEC sp_emp_hire_date 'Jan 1 1989', 'Jun 30 1989'
```

91 %

Results Messages

	emp_id	Name	job_desc	HireDate
1	CFH28514M	Hemadez,Carlos	Publisher	Apr 21 1989
2	M-P91209M	Pereira,Manuel	Public Relations Manager	Jan 9 1989
3	MJP25939M	Pontes,Maria	Publisher	Mar 1 1989
4	Y-L77953M	Latimer,Yoshi	Editor	Jun 11 1989

-- EX 8

```

SELECT s.stor_id,
       st.stor_name,
       s.qty,
       CASE
         WHEN qty < 20 THEN 'Reorder Product'
         WHEN qty >= 20 AND qty <=40 THEN 'Stock Low'
         WHEN qty > 40 THEN 'Quantity Okay'
       END
       AS Quantity,

       convert(varchar(12),s.ord_date,109) AS order_date

FROM sales s
JOIN stores st ON s.stor_id = st.stor_id
WHERE s.ord_date >= 'January 1, 1994'
order by qty

```

91 %

Results Messages

	stor_id	stor_name	qty	Quantity	order_date
1	6380	Eric the Read Books	3	Reorder Product	Sep 13 1994
2	6380	Eric the Read Books	5	Reorder Product	Sep 14 1994
3	8042	Bookbeat	10	Reorder Product	Sep 14 1994
4	7067	News & Brews	10	Reorder Product	Sep 14 1994
5	8042	Bookbeat	15	Reorder Product	Sep 14 1994
6	7131	Doc-U-Mat: Quality Laundry and Books	20	Stock Low	Sep 14 1994
7	7131	Doc-U-Mat: Quality Laundry and Books	25	Stock Low	Sep 14 1994
8	7066	Barnum's	75	Quantity Okay	Sep 13 1994

```
-- EX 9
```

```

SELECT t.type      AS Type,
       CONVERT(varchar(12),s.ord_date,102) AS Order_Date,
       p.pub_id    AS PublisherName,
       DATEDIFF(YEAR,ord_date, 'Dec 1,2008') AS Length,
       count(t.type) AS Total

FROM titles t
JOIN sales s ON t.title_id = s.title_id
JOIN publishers p ON t.pub_id = p.pub_id

GROUP BY t.type, p.pub_id, s.ord_date
HAVING count(t.type) > 1

```

1 %

Results Messages

	Type	Order_Date	PublisherName	Length	Total
1	business	1994.09.14	1389	14	2
2	mod_cook	1994.09.14	0877	14	2
3	psychology	1993.05.29	0736	15	3
4	psychology	1994.09.13	0736	14	2
5	psychology	1994.09.14	0736	14	2
6	trad_cook	1992.06.15	0877	16	3

✓ Query executed successfully.

SQLQuery15.sql - lo...lhost.pubs (sa (51))* SQLQuery11.sql - lo...lhost.pubs (sa (53))* SQL0

-- ex 10

SELECT a.au_id,
au_lname,
au_fname

FROM authors a

LEFT OUTER JOIN titleauthor ta ON (a.au_id = ta.au_id)

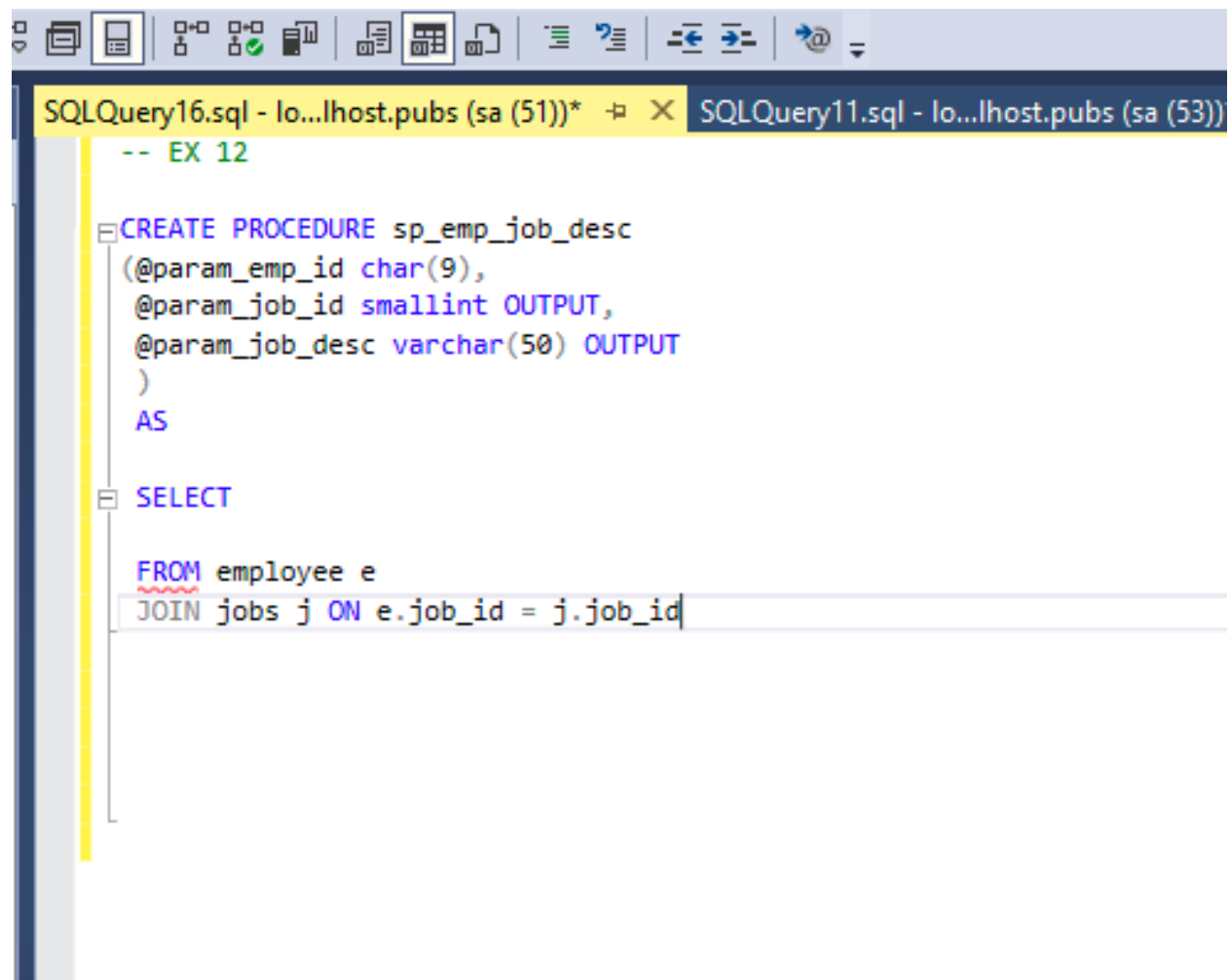
WHERE ta.au_id IS NULL

order by a.au_id

91 %

Results Messages

	au_id	au_lname	au_fname
1	341-22-1782	Smith	Meander
2	527-72-3246	Greene	Momingstar
3	724-08-9931	Stringer	Dirk
4	893-72-1158	McBadden	Heather



```
SQLQuery16.sql - lo...lhost.pubs (sa (51))* X SQLQuery11.sql - lo...lhost.pubs (sa (53))
-- EX 12

CREATE PROCEDURE sp_emp_job_desc
(@param_emp_id char(9),
 @param_job_id smallint OUTPUT,
 @param_job_desc varchar(50) OUTPUT
)
AS

SELECT

FROM employee e
JOIN jobs j ON e.job_id = j.job_id
```