

The screenshot shows the SQL Enterprise Manager interface. The 'Query 1' window contains the following SQL statement:

```
1 insert into terms
2   (terms_id,terms_description,terms_due_days)
3   values
4   (6, 'Net due 120 days', 120)
```

The 'Navigator' pane on the left shows the 'ap' schema with tables, views, stored procedures, and functions. The 'Information' pane at the bottom shows the 'Schema: ap'.

The screenshot shows the SQL Enterprise Manager interface after the query has been executed. The 'Query 1' window contains the same SQL statement as above. The 'Output' pane at the bottom shows the execution results:

#	Time	Action	Message	Duration / Fetch
1	17:46:12	insert into terms (terms_id,terms_description,terms_due_day...	1 row(s) affected	0.282 sec

Table Name: Schema: **ap**

Collation: Engine:

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
terms_id	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
terms_description	VARCHAR(50)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
terms_due_days	INT(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Column Name: Data Type:

Collation: Default:

Comments:

Storage: ☐ Virtual ☐ Stored

☐ Primary Key ☐ Not Null ☐ Unique

☐ Binary ☐ Unsigned ☐ Zero Fill

☐ Auto Increment ☐ Generated

Columns | Indexes | Foreign Keys | Triggers | Partitioning | Options

Apply Revert






Output

Action Output

#	Time	Action	Message
1	17:46:12	insert into terms (terms_id,terms_description,terms_due_days) values (6, 'Net due 120 days', 120)	1 row(s) affected
2	18:21:40	SELECT * FROM ap.terms LIMIT 0, 1000	5 row(s) returned

2.)







```
Query 1 x terms
1 • insert into terms
2   (terms_id,terms_description,terms_due_days)
3   values
4   (6, 'Net due 120 days', 120);
5 •
6 • update terms
7   set terms_description = 'Net due 125 days',
8     terms_due_days = 125
9   where terms_id = 6;
10
11
```

Result Grid			
Filter Rows: <input type="text"/>			
Edit:    Export/Import:  			
terms_id	terms_description	terms_due_days	
1	Net due 10 days	10	
2	Net due 20 days	20	
3	Net due 30 days	30	
4	Net due 60 days	60	
5	Net due 90 days	90	
6	Net due 125 days	125	
NULL	NULL	NULL	

terms 1 x

3.)

Limit to 1000 rows







     

```
1 • insert into terms
2   (terms_id,terms_description,terms_due_days)
3 values
4   (6, 'Net due 120 days', 120);
5
6 • update terms
7   set terms_description = 'Net due 125 days',
8       terms_due_days = 125
9   where terms_id = 6;
10
11 • delete from terms
12   where terms_id = 6;
13
```

```
1 • SELECT * FROM ap.terms;
```

Result Grid

Filter Rows:

Edit:    Export/Import:   Wrap Cell Contents: 

terms_id	terms_description	terms_due_days
1	Net due 10 days	10
2	Net due 20 days	20
3	Net due 30 days	30
4	Net due 60 days	60
5	Net due 90 days	90
NULL	NULL	NULL

terms 1 x

Apply Revert

Result Grid

Form Editor

4.)

The screenshot shows a SQL IDE with a script editor and a results grid.

Script Editor:

```
1 • insert into terms
2   (terms_id,terms_description,terms_due_days)
3   values
4     (6, 'Net due 120 days', 120);
5
6 • update terms
7   set terms_description = 'Net due 125 days',
8       terms_due_days = 125
9   where terms_id = 6;
10
11 • delete from terms
12   where terms_id = 6;
13
14 • insert into invoices
15   values (default, 32, 'AX-014-027', '2014-08-01', 434.58, 0, 0,
16           2, '2014-08-31', null);
17
```

Results Grid:

invoice_id	vendor_id	invoice_number	invoice_date	invoice_total	payment_total	credit_total	terms_id	invoice_due_date	payment_date
107	122	989319-447	2014-07-24	3689.99	3689.99	0.00	3	2014-08-23	2014-08-19
108	123	963253240	2014-07-24	67.00	67.00	0.00	3	2014-08-23	2014-08-23
109	121	97/222	2014-07-25	1000.46	1000.46	0.00	3	2014-08-24	2014-08-22
110	80	134116	2014-07-28	90.36	0.00	0.00	2	2014-08-17	NULL
111	123	263253257	2014-07-30	22.57	22.57	0.00	3	2014-08-29	2014-09-03
112	110	0-2436	2014-07-31	10976.06	0.00	0.00	3	2014-08-30	NULL
113	37	547480102	2014-08-01	224.00	0.00	0.00	3	2014-08-31	NULL
114	123	963253249	2014-08-02	127.75	127.75	0.00	3	2014-09-01	2014-09-04
115	32	AX-014-027	2014-08-01	434.58	0.00	0.00	2	2014-08-31	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

invoices 1 x Apply

5.)

The screenshot shows a SQL IDE with a script editor.

Script Editor:

```
1 • insert into terms
2   (terms_id,terms_description,terms_due_days)
3   values
4     (6, 'Net due 120 days', 120);
5
6 • update terms
7   set terms_description = 'Net due 125 days',
8       terms_due_days = 125
9   where terms_id = 6;
10
11 • delete from terms
12   where terms_id = 6;
13
14 • insert into invoices
15   values (default, 32, 'AX-014-027', '2014-08-01', 434.58, 0, 0,
16           2, '2014-08-31', null);
17
18 • insert into invoice_line_items values
19   (115, 1, 160, 180.23, 'Hard drive'),
20   (115, 2, 527, 254.35, 'Exchange Server update');
```

invoice_id	invoice_sequence	account_number	line_item_amount	line_item_description
1	1	553	3813.33	Freight
2	1	553	40.20	Freight
3	1	553	138.75	Freight
4	1	553	144.70	Intl's Int'l shipment
5	1	553	15.50	Freight
6	1	553	42.75	Freight
7	1	553	172.50	Freight
8	1	522	95.00	Telephone service
9	1	403	601.95	Cover design
10	1	553	42.67	Freight

6.)

```

14 • insert into invoices
15 values (default, 32, 'AX-014-027', '2014-08-01', 434.58, 0, 0,
16         2, '2014-08-31', null);
17
18 • insert into invoice_line_items values
19 (115, 1, 160, 180.23, 'Hard drive'),
20 (115, 2, 527, 254.35, 'Exchange Server update');
21
22 • update invoices
23 set credit_total = invoice_total * .1,
24     payment_total = invoice_total - credit_total
25 where invoice_id = 115;

```

invoice_id	vendor_id	invoice_number	invoice_date	invoice_total	payment_total	credit_total	terms_id	invoice_due_date	payment_date
107	122	989319-447	2014-07-24	3689.99	3689.99	0.00	3	2014-08-23	2014-08-19
108	123	963253240	2014-07-24	67.00	67.00	0.00	3	2014-08-23	2014-08-23
109	121	977222	2014-07-25	1000.46	1000.46	0.00	3	2014-08-24	2014-08-22
110	80	134116	2014-07-28	90.36	0.00	0.00	2	2014-08-17	NULL
111	123	263253257	2014-07-30	22.57	22.57	0.00	3	2014-08-29	2014-09-03
112	110	0-2436	2014-07-31	10976.06	0.00	0.00	3	2014-08-30	NULL
113	37	547480102	2014-08-01	224.00	0.00	0.00	3	2014-08-31	NULL
114	123	963253249	2014-08-02	127.75	127.75	0.00	3	2014-09-01	2014-09-04
115	32	AX-014-027	2014-08-01	434.58	391.12	43.46	2	2014-08-31	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

7.)

```

22 • update invoices
23 set credit_total = invoice_total * .1,
24     payment_total = invoice_total - credit_total
25 where invoice_id = 115;
26
27 • update vendors
28 set default_account_number = 403
29 where vendor_id = 44;

```

vendor_id	vendor_name	vendor_address1	vendor_address2	vendor_city	vendor_state	vendor_zip_code	vendor_phone	vendor_cont
42	Ooamo Technical Books	1033 N Svcamore Ave.	NULL	Los Angeles	CA	90038	(213) 555-4322	Paris
43	Capital Resource Credit	PO Box 39046	NULL	Minneapolis	MN	55439	(612) 555-0057	Maxwell
44	Courier Companies, Inc	PO Box 5317	NULL	Boston	MA	02206	(508) 555-6351	Antavious
45	Navlor Publications Inc	PO Box 40513	NULL	Jacksonville	FL	32231	(800) 555-6041	Gerald
46	Ooen Horizons Publishing	Book Marketing Update	PO Box 205	Fairfield	IA	52556	(515) 555-6130	Damien
47	Baker & Tavior Books	Five Lakepointe Plaza, Ste 500	2709 Water Ridee Par...	Charlotte	NC	28217	(704) 555-3500	Bernardo
48	Fresno County Tax Collector	PO Box 1192	NULL	Fresno	CA	93715	(559) 555-3482	Brenton
49	Mcoraw Hill Companies	PO Box 87373	NULL	Chicago	IL	60680	(614) 555-3663	Holbrooke
50	Publishers Weeklv	Box 1979	NULL	Marion	OH	43305	(800) 555-1669	Carrollton

vendor_zip_code	vendor_phone	vendor_contact_last_name	vendor_contact_first_name	default_terms_id	default_account_number
10038	(213) 555-4322	Paris	Gideon	3	572
15439	(612) 555-0057	Maxwell	Javda	3	589
12206	(508) 555-6351	Antavius	Trov	4	403
12231	(800) 555-6041	Gerald	Kristofer	3	572
12556	(515) 555-6130	Damien	Deborah	2	540
18217	(704) 555-3500	Bernardo	Brittnee	3	572
13715	(559) 555-3482	Brenton	Kila	3	574
10680	(614) 555-3663	Holbrooke	Rashad	3	572
13305	(800) 555-1669	Carrollton	Priscilla	3	572

Apply

8.)

```

25 where invoice_id = 115;
26
27 • update vendors
28   set default_account_number = 403
29   where vendor_id = 44;
30
31 • update invoices
32   set terms_id = 2
33   where vendor_id in
34     (select vendor_id
35      from vendors
36      where default_terms_id = 2);
37

```

invoice_id	vendor_id	invoice_number	invoice_date	invoice_total	payment_total	credit_total	terms_id	invoice_due_date	payment_date
90	123	963253252	2014-07-12	38.75	38.75	0.00	3	2014-08-11	2014-08-11
91	95	111-92R-10095	2014-07-15	32.70	32.70	0.00	2	2014-08-04	2014-08-06
92	117	111897	2014-07-15	16.62	16.62	0.00	3	2014-08-14	2014-08-14
93	123	4-327-7357	2014-07-16	162.75	162.75	0.00	3	2014-08-15	2014-08-11
94	123	963253264	2014-07-18	52.25	0.00	0.00	3	2014-08-17	NULL
95	82	C73-24	2014-07-19	600.00	600.00	0.00	2	2014-08-08	2014-08-13
96	110	P-0259	2014-07-19	26881.40	26881.40	0.00	3	2014-08-18	2014-08-20
97	90	97-1024A	2014-07-20	356.48	356.48	0.00	2	2014-08-09	2014-08-07
98	83	31361833	2014-07-21	579.42	0.00	0.00	2	2014-08-10	NULL
99	123	263253268	2014-07-21	59.97	0.00	0.00	3	2014-08-20	NULL

invoices 1 x

Apply

9.)

```

delete from invoice_line_items
where invoice_id = 116;

delete from invoices
where invoice_id = 116;

```

invoice_id	invoice_sequence	account_number	line_item_amount	line_item_description
108	1	553	67.00	Freight
109	1	403	1000.46	Crash Course covers
110	1	540	90.36	Card deck advertising
111	1	553	22.57	Freight
112	1	400	10976.06	VSAM book printing
113	1	510	224.00	Health Insurance
114	1	553	127.75	Freight
115	1	160	180.23	Hard drive
115	2	527	254.35	Exchange Server up...
NULL	NULL	NULL	NULL	NULL