

# ACT 12

Calcularemos el porcentaje de comisión del mes de mayo del empleado con id=2 aplicando un 10% al monto de las rentas

The screenshot shows a SQL IDE interface with three tabs: 'SQL File 7\*', 'SQL File 3\*', and 'SQL File 8\*'. The active tab 'SQL File 8\*' contains the following SQL query:

```
1 • use sakila;
2
3 • SELECT rental_id, staff_id, amount, amount * 0.10 AS comision
4 FROM payment
5 WHERE staff_id = 2 AND payment_date LIKE '2005-05%';
6
```

Below the query editor, the 'Result Grid' is displayed, showing a table with 4 columns: rental\_id, staff\_id, amount, and comision. The table contains 20 rows of data. The 'comision' column values are calculated as 10% of the 'amount' column values. The 'Output' pane at the bottom shows the execution log with three actions:

#	Time	Action	M
✓ 1	08:39:53	SELECT * FROM sakila.rental LIMIT 0, 500	5C
✓ 2	08:41:47	use sakila	0i
✓ 3	08:41:47	SELECT rental_id, staff_id, amount, amount * 0.10 AS comision FROM payment WHERE staff_id = 2 AND payment_date LIKE...	5C

Calcularemos el porcentaje de comisión del mes de Junio del empleado con id=1 aplicando un 10% al monto de las rentas

```

5  WHERE rental_id = 1 AND payment_date LIKE '2005-05-30';
6
7
8  • SELECT rental_id, staff_id, amount, amount * 0.10 AS comision
9  FROM payment
10 WHERE staff_id=1 AND payment_date LIKE '2005-05%';

```

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Fetch

	rental_id	staff_id	amount	comision
▶	76	1	2.99	0.2990
	573	1	0.99	0.0990
	320	1	4.99	0.4990
	435	1	1.99	0.1990
	830	1	2.99	0.2990
	731	1	0.99	0.0990
	1085	1	6.99	0.6990
	1142	1	1.99	0.1990
	577	1	2.99	0.2990
	975	1	4.99	0.4990
	1063	1	5.99	0.5990
	987	1	6.99	0.6990
	988	1	4.99	0.4990
	1084	1	4.99	0.4990
	151	1	0.99	0.0990
	346	1	9.99	0.9990
	525	1	5.99	0.5990
	671	1	2.99	0.2990
	335	1	3.99	0.3990
	593	1	2.99	0.2990
	1017	1	2.99	0.2990
	580	1	2.99	0.2990
	50	1	2.99	0.2990
	116	1	4.99	0.4990

Result 2

El día 30 de mayo se agrega 1 dólar a la comisión de todos los empleados (que es del 10% del monto de la renta) muestre el listado de las rentas del día calculando la comisión de forma que la comisión no sea mayor al 50% del monto de la renta

SQL File 7\*   SQL File 3\*   SQL File 8\* x   payment

Limit to 500 rows

```

9      FROM payment
10     WHERE staff_id=1 AND payment_date LIKE '2005-05%';
11
12 •   SELECT rental_id, staff_id, amount, amount * 0.10 + 1 AS comision
13     FROM payment
14     WHERE ((amount * 0.10)+ 1) <= amount * 0.5 AND payment_date LIKE '%2005-05-30%';
15
16 •   SELECT rental_id, amount, amount * 0.2 AS descuento, amount * 0.8 AS total

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	rental_id	staff_id	amount	comision
▶	975	1	4.99	1.4990
	866	2	6.99	1.6990
	987	1	6.99	1.6990
	988	1	4.99	1.4990
	884	2	4.99	1.4990
	868	1	2.99	1.2990
	923	1	2.99	1.2990
	904	1	2.99	1.2990
	938	1	2.99	1.2990
	846	2	2.99	1.2990
	905	1	4.99	1.4990
	856	2	9.99	1.9990
	943	2	4.99	1.4990
	951	2	2.99	1.2990
	934	2	2.99	1.2990
	947	1	4.99	1.4990
	933	2	4.99	1.4990
	845	2	4.99	1.4990
	840	1	4.99	1.4990
	859	1	2.99	1.2990
	928	1	2.99	1.2990
	989	2	2.99	1.2990
	908	2	4.99	1.4990
	889	2	2.99	1.2990

Result 6 x

Output

Action Output

#	Time	Action
3	00:54:15	SELECT ... FROM ... WHERE ...

A todos los clientes que rentaron los días 30 o 31 de cada mes se les da un descuento del 20% sobre el monto de la renta , liste los id de los clientes, el folio de la renta, el monto, el descuento y el nuevo valor a pagar

```

15
16 • SELECT rental_id, amount, amount * 0.2 AS descuento, amount * 0.8 AS total
17 FROM payment
18 WHERE payment_date LIKE '%30' OR payment_date LIKE '%31';
19
20

```

Result Grid					Filter Rows:		Export:	Wrap Cell Content:	Fetch rows:
	rental_id	amount	descuento	total					
▶	7724	6.99	1.398	5.592					
	11110	2.99	0.598	2.392					
	9493	4.99	0.998	3.992					
	13373	2.99	0.598	2.392					
	13594	0.99	0.198	0.792					
	1140	4.99	0.998	3.992					
	13316	4.99	0.998	3.992					
	11502	0.99	0.198	0.792					
	11497	0.99	0.198	0.792					
	671	2.99	0.598	2.392					
	8927	4.99	0.998	3.992					
	15897	4.99	0.998	3.992					
	6100	4.99	0.998	3.992					
	3269	5.99	1.198	4.792					
	4724	3.99	0.798	3.192					
	337	2.99	0.598	2.392					
	15589	6.99	1.398	5.592					
	654	2.99	0.598	2.392					
	1716	2.99	0.598	2.392					
	3447	4.99	0.998	3.992					
	4282	2.99	0.598	2.392					
	15512	0.99	0.198	0.792					
	15972	5.99	1.198	4.792					
	6149	1.99	0.398	1.592					

Result 7 x

Output

Action Output

#	Time	Action
✖ 8	08:59:43	SELECT rental_id, staff_id, amount, amount * 0.10 + 1 AS comision FROM payment WHERE comision <= amou
✔ 9	09:01:17	SELECT rental_id, staff_id, amount, amount * 0.10 + 1 AS comision FROM payment WHERE ((amount * 0.10)+

A todos los clientes que rentan los lunes se les otorga un día mas para regresarla , liste los id de los clientes, el folio de la renta, la fecha de pago y la fecha de entrega 3 días después del pago

SQL File 7\*   SQL File 3\*   SQL File 8\* x   payment

Limit to 500 rows

```

21 • SELECT customer_id, rental_id, rental_date,
22       DATE_ADD(rental_date, INTERVAL 3 DAY) AS nueva_entrega
23 FROM rental
24 WHERE WEEKDAY(rental_date) = 0;
25
26
27

```

Result Grid   Filter Rows:   Export:   Wrap Cell Content:   Fetch rows:

	customer_id	rental_id	rental_date	nueva_entrega
▶	172	837	2005-05-30 00:02:08	2005-06-02 00:02:08
	504	838	2005-05-30 00:27:57	2005-06-02 00:27:57
	337	839	2005-05-30 00:28:12	2005-06-02 00:28:12
	79	840	2005-05-30 00:28:41	2005-06-02 00:28:41
	387	841	2005-05-30 00:31:17	2005-06-02 00:31:17
	238	842	2005-05-30 00:32:04	2005-06-02 00:32:04
	313	843	2005-05-30 00:44:24	2005-06-02 00:44:24
	429	844	2005-05-30 00:58:20	2005-06-02 00:58:20
	72	845	2005-05-30 01:17:25	2005-06-02 01:17:25
	49	846	2005-05-30 01:17:45	2005-06-02 01:17:45
	380	847	2005-05-30 01:18:15	2005-06-02 01:18:15
	436	848	2005-05-30 01:19:53	2005-06-02 01:19:53
	449	849	2005-05-30 01:23:07	2005-06-02 01:23:07
	517	850	2005-05-30 01:35:12	2005-06-02 01:35:12
	530	851	2005-05-30 01:35:15	2005-06-02 01:35:15
	549	852	2005-05-30 01:36:57	2005-06-02 01:36:57
	122	853	2005-05-30 01:43:31	2005-06-02 01:43:31
	369	854	2005-05-30 01:56:11	2005-06-02 01:56:11
	406	855	2005-05-30 02:00:28	2005-06-02 02:00:28
	53	856	2005-05-30 02:01:21	2005-06-02 02:01:21
	204	857	2005-05-30 02:01:23	2005-06-02 02:01:23
	358	858	2005-05-30 02:10:32	2005-06-02 02:10:32
	79	859	2005-05-30 02:36:20	2005-06-02 02:36:20
	276	860	2005-05-30 02:45:16	2005-06-02 02:45:16

Result 8 x

Output

Action Output

#	Time	Action
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En la tabla de rentas calcular para cada ID los días transcurridos entre la fecha de regreso y la fecha de la renta

```

25
26 • SELECT rental_id, customer_id, rental_date, return_date,
27     DATEDIFF(return_date, rental_date) AS dias
28 FROM rental;
29
30

```

rental_id	customer_id	rental_date	return_date	dias
1	130	2005-05-24 22:53:30	2005-05-26 22:04:30	2
2	459	2005-05-24 22:54:33	2005-05-28 19:40:33	4
3	408	2005-05-24 23:03:39	2005-06-01 22:12:39	8
4	333	2005-05-24 23:04:41	2005-06-03 01:43:41	10
5	222	2005-05-24 23:05:21	2005-06-02 04:33:21	9
6	549	2005-05-24 23:08:07	2005-05-27 01:32:07	3
7	269	2005-05-24 23:11:53	2005-05-29 20:34:53	5
8	239	2005-05-24 23:31:46	2005-05-27 23:33:46	3
9	126	2005-05-25 00:00:40	2005-05-28 00:22:40	3
10	399	2005-05-25 00:02:21	2005-05-31 22:44:21	6
11	142	2005-05-25 00:09:02	2005-06-02 20:56:02	8
12	261	2005-05-25 00:19:27	2005-05-30 05:44:27	5
13	334	2005-05-25 01:06:36	2005-05-26 04:14:11	1
14	575	2005-05-25 01:06:36	2005-05-27 00:43:36	2
18	19	2005-05-25 01:10:47	2005-05-31 06:35:47	6
19	456	2005-05-25 01:17:24	2005-05-31 06:00:24	6
20	185	2005-05-25 01:48:41	2005-05-27 02:20:41	2
21	388	2005-05-25 01:59:46	2005-05-26 01:01:46	1
22	509	2005-05-25 02:19:23	2005-05-26 04:52:23	1





#	Time	Action	Message
10	09:02:22	SELECT rental_id, staff_id, amount, amount * 0.10 AS comision FROM payment WHERE staff_id = 2 AND payment_date LIKE '2005-05-25%'	500 row(s) returned
11	09:04:03	SELECT rental_id, staff_id, amount, amount * 0.10 + 1 AS comision FROM payment WHERE ((amount * 0.10) + 1) <= amount	121 row(s) returned

Lista el id de la renta, el id del cliente y la fecha de renta de todas las rentas de los días domingo

```

29
30 • SELECT rental_id, customer_id, rental_date
31 FROM rental
32 WHERE WEEKDAY(rental_date) = 6;
33
34
35

```

Result Grid			
Filter Rows: <input type="text"/>			
Edit:    Export/Import: 			
	rental_id	customer_id	rental_date
▶	683	197	2005-05-29 00:09:48
	684	461	2005-05-29 00:13:15
	685	172	2005-05-29 00:17:51
	686	411	2005-05-29 00:27:10
	687	250	2005-05-29 00:32:09
	688	162	2005-05-29 00:45:24
	689	571	2005-05-29 00:46:53
	690	85	2005-05-29 00:54:53
	691	433	2005-05-29 01:01:26
	692	18	2005-05-29 01:32:10
	693	190	2005-05-29 01:42:31
	694	399	2005-05-29 01:49:43
	695	528	2005-05-29 01:50:53
	696	19	2005-05-29 01:59:10
	697	387	2005-05-29 02:04:04
	698	109	2005-05-29 02:10:52
	699	246	2005-05-29 02:11:44
	700	117	2005-05-29 02:18:54
	701	112	2005-05-29 02:26:27
	702	475	2005-05-29 02:27:30
	703	269	2005-05-29 02:29:36

rental 10 x

Output

Action Output

#	Time	Action
---	------	--------

- Lista el id de la renta, el id del cliente y la fecha de renta de todas las rentas de los días domingo del mes de mayo

33

34 • `SELECT rental_id, customer_id, rental_date`

35 `FROM rental`

36 `WHERE WEEKDAY(rental_date) = 6 AND MONTH(rental_date) = 5;`

37

38

39

40

41

42

**Result Grid** | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: [IA](#)

	rental_id	customer_id	rental_date
▶	683	197	2005-05-29 00:09:48
	684	461	2005-05-29 00:13:15
	685	172	2005-05-29 00:17:51
	686	411	2005-05-29 00:27:10
	687	250	2005-05-29 00:32:09
	688	162	2005-05-29 00:45:24
	689	571	2005-05-29 00:46:53
	690	85	2005-05-29 00:54:53
	691	433	2005-05-29 01:01:26
	692	18	2005-05-29 01:32:10
	693	190	2005-05-29 01:42:31
	694	399	2005-05-29 01:49:43
	695	528	2005-05-29 01:50:53
	696	19	2005-05-29 01:59:10
	697	387	2005-05-29 02:04:04
	698	109	2005-05-29 02:10:52
	699	246	2005-05-29 02:11:44
	700	117	2005-05-29 02:18:54
	701	112	2005-05-29 02:26:27
	702	475	2005-05-29 02:27:30
	703	269	2005-05-29 02:29:36

rental 11 x

Output

Action Output

#	Time	Action
✓ 12	09:04:30	SELECT rental_id, amount, amount * 0.2 AS descuento, amount * 0.8 AS total FROM payment WHERE payment_date LIKE '...' 5

Lista el id de la renta, el id del cliente, fecha de renta y fecha de devolución de todas las rentas que se devuelven los días domingo del mes de junio



```

35 FROM rental
36 WHERE WEEKDAY(rental_date) = 6 AND MONTH(rental_date) = 5;
37
38 • SELECT rental_id, customer_id, rental_date, return_date
39 FROM rental
40 WHERE WEEKDAY(return_date) = 6 AND MONTH(return_date) = 6;
41
42

```

Result Grid Filter Rows:  Edit: Export/Import: Wrap Cell Content:

	rental_id	customer_id	rental_date	return_date
▶	292	515	2005-05-26 20:22:12	2005-06-05 00:58:12
	300	47	2005-05-26 20:57:00	2005-06-05 01:34:00
	331	67	2005-05-27 02:22:26	2005-06-05 00:25:26
	335	16	2005-05-27 03:07:10	2005-06-05 00:15:10
	341	56	2005-05-27 04:01:42	2005-06-05 08:51:42
	346	14	2005-05-27 04:34:41	2005-06-05 04:24:41
	370	22	2005-05-27 07:49:43	2005-06-05 06:39:43
	371	295	2005-05-27 08:08:18	2005-06-05 03:05:18
	374	337	2005-05-27 08:26:30	2005-06-05 07:13:30
	389	500	2005-05-27 10:45:41	2005-06-05 06:22:41
	405	272	2005-05-27 13:32:39	2005-06-05 18:53:39
	424	35	2005-05-27 15:34:01	2005-06-05 09:44:01
	426	522	2005-05-27 15:56:57	2005-06-05 11:45:57
	427	288	2005-05-27 16:10:04	2005-06-05 13:22:04
	429	498	2005-05-27 16:21:26	2005-06-05 20:23:26
	430	190	2005-05-27 16:22:10	2005-06-05 13:10:10
	431	334	2005-05-27 16:31:05	2005-06-05 11:29:05
	437	525	2005-05-27 17:47:22	2005-06-05 14:22:22
	438	249	2005-05-27 17:52:34	2005-06-05 22:23:34
	447	133	2005-05-27 18:57:02	2005-06-05 18:38:02
	450	247	2005-05-27 19:18:54	2005-06-05 23:52:54

rental 12 x

Output

Action Output

#	Time	Action	Message
✓	13 09:07:50	SELECT customer_id, rental_id, rental_date, DATE_ADD(rental_date, INTERVAL 3 DAY) AS nueva_entrega FROM re...	500 row(s) returned
✓	14 09:10:56	SELECT rental_id, customer_id, rental_date, return_date, DATFDIFF(return_date, rental_date) AS dias FROM rental 11	500 row(s) returned