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EXERCISE:

1. Write a query to display the attraction number, employee first and last names and the date they worked on the attraction. Order the results by the date worked.

```
308 • SELECT H.ATTRACT_NO, E.EMP_FNAME, E.EMP_LNAME, H.DATE_WORKED
309 FROM EMPLOYEE E, HOURS H
310 WHERE E.EMP_NUM = H.EMP_NUM
311 ORDER BY DATE_WORKED ASC;
```

Result Grid				
Filter Rows: <input type="text"/>				
Export:				
	ATTRACT_NO	EMP_FNAME	EMP_LNAME	DATE_WORKED
▶	10034	Emma	Calderdale	2007-05-18
	10034	Marshall	Ricardo	2007-05-18
	10078	Mirrelle	Namowa	2007-05-18
	10098	Mirrelle	Namowa	2007-05-18
	30012	Mirrelle	Namowa	2007-05-19
	30044	Arif	Arshad	2007-05-21
	30011	Enrica	Denver	2007-05-21
	30012	Enrica	Denver	2007-05-22
	30012	Arif	Arshad	2007-05-23

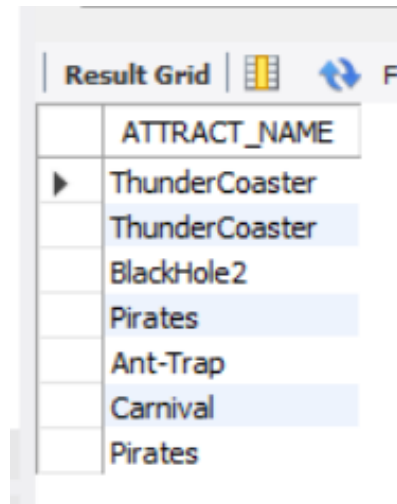
2. Display the park names and total sales for Theme Parks who are located in the country 'UK' or 'FR'.

```
313 • SELECT T.PARK_NAME, SUM(LINE_PRICE * LINE_QTY) AS 'TOTAL SALES'
314 FROM THEMEPARK T, TICKET K, SALES_LINE L
315 WHERE T.PARK_CODE = K.PARK_CODE
316 AND K.TICKET_NO = L.TICKET_NO
317 AND PARK_COUNTRY IN ('UK', 'FR')
318 GROUP BY T.PARK_NAME;
```

Result Grid		
Filter Rows: <input type="text"/>		
	PARK_NAME	TOTAL SALES
▶	FairyLand	1003.68
	PleasureLand	2308.10

3. Write a query to display the names of attractions that hour rate more than 6.

```
320 • SELECT A.ATTRACT_NAME
321 FROM ATTRACTION A, HOURS H
322 WHERE A.ATTRACT_NO = H.ATTRACT_NO
323 AND (HOUR_RATE > 6);
324
```

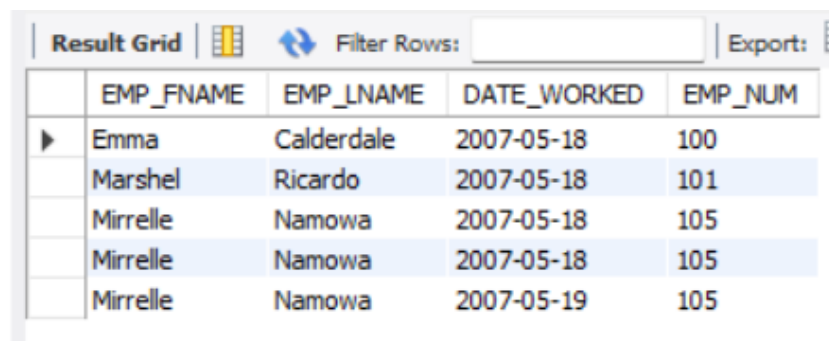


The screenshot shows a 'Result Grid' window with a table containing attraction names. The table has one column, 'ATTRACT_NAME', and seven rows of data. The first row is 'ThunderCoaster', followed by another 'ThunderCoaster', then 'BlackHole2', 'Pirates', 'Ant-Trap', 'Carnival', and finally 'Pirates'.

ATTRACT_NAME
ThunderCoaster
ThunderCoaster
BlackHole2
Pirates
Ant-Trap
Carnival
Pirates

4. Produce a report that lists employee number, employees' last names, first names, and date worked. List data for only park code between FR1001 and UK3452, and exclude employee number 102 from the list. Sequence the report on first name within last name, within date worked, within employee number.

```
325 • SELECT E.EMP_FNAME, E.EMP_LNAME, H.DATE_WORKED, H.EMP_NUM
326 FROM EMPLOYEE E, HOURS H
327 WHERE E.EMP_NUM = H.EMP_NUM
328 AND PARK_CODE BETWEEN 'FR1001' AND 'UK3452'
329 AND NOT (H.EMP_NUM = 102);
```



The screenshot shows a 'Result Grid' window with a table containing employee details. The table has five columns: 'EMP_FNAME', 'EMP_LNAME', 'DATE_WORKED', and 'EMP_NUM'. There are five rows of data. The first row is Emma Calderdale, 2007-05-18, 100. The second row is Marshel Ricardo, 2007-05-18, 101. The third row is Mirrelle Namowa, 2007-05-18, 105. The fourth row is Mirrelle Namowa, 2007-05-18, 105. The fifth row is Mirrelle Namowa, 2007-05-19, 105.

EMP_FNAME	EMP_LNAME	DATE_WORKED	EMP_NUM
Emma	Calderdale	2007-05-18	100
Marshel	Ricardo	2007-05-18	101
Mirrelle	Namowa	2007-05-18	105
Mirrelle	Namowa	2007-05-18	105
Mirrelle	Namowa	2007-05-19	105

5. For all projects that have a park code beginning with UK, list park code, park name, and attraction name. List identical rows once. Order the list by park code and then by attraction name.

```
333 • SELECT DISTINCT T.PARK_CODE, PARK_NAME, A.ATTRACT_NAME
334 FROM THEMPARK T, ATTRACTION A
335 WHERE T.PARK_CODE = A.PARK_CODE
336 AND T.PARK_CODE LIKE 'UK%'
337 ORDER BY PARK_CODE, ATTRACT_NAME;
```

Result Grid			
Filter Rows:			
	PARK_CODE	PARK_NAME	ATTRACT_NAME
▶	UK3452	PleasureLand	3D-Lego_Show
	UK3452	PleasureLand	BlackHole2
	UK3452	PleasureLand	Pirates
	UK3452	PleasureLand	UnderSeaWord

6. Which employees are assigned to attract number 10034? List employee number, last name, and attract number. Order the list by employee number.

```
338 • SELECT H.EMP_NUM, E.EMP_LNAME, A.ATTRACT_NO
339 FROM HOURS H, EMPLOYEE E, ATTRACTION A
340 WHERE A.ATTRACT_NO = H.ATTRACT_NO
341 AND H.EMP_NUM = E.EMP_NUM
342 AND A.ATTRACT_NO = '10034'
343 ORDER BY EMP_NUM;
```

Result Grid			
Filter Rows:			
	EMP_NUM	EMP_LNAME	ATTRACT_NO
▶	100	Calderdale	10034
	101	Ricardo	10034

7. List employee number, employee date of Birth, employee age, and the park name he/she handle. Sort the list based on the employee age.

```
349 • SELECT E.EMP_NUM, E.EMP_DOB, T.PARK_NAME,  
350 YEAR(CURRENT_DATE()) - YEAR(EMP_DOB) AS 'AGE'  
351 FROM EMPLOYEE E, THEMEPARK T  
352 WHERE E.PARK_CODE = T.PARK_CODE  
353 ORDER BY 4;
```

Result Grid				
Filter Rows:				
	EMP_NUM	EMP_DOB	PARK_NAME	AGE
▶	105	1990-03-14	FairyLand	33
	104	1980-11-08	GoldTown	43
	101	1978-03-19	PleasureLand	45
	103	1974-10-16	PleasureLand	49
	100	1972-06-15	FairyLand	51
	102	1969-11-14	FairyLand	54
	106	1968-02-12	GoldTown	55