NAME : TAZMEEN AFROZ

ROLL NO: 22P-9252 SECTION: BAI-4A

SELECT AVG(HOUR RATE) FROM HOURS;

SELECT AVG(ATTRACT AGE) FROM ATTRACTION WHERE PARK CODE = 'UK3452';

```
MariaDB [THEME_PARK]> SELECT AVG(ATTRACT_AGE) FROM ATTRACTION WHERE PARK_CODE ='UK3452';

+------+
| AVG(ATTRACT_AGE) |
+-----+
| 7.2500 |
+-----+
1 row in set (0.001 sec)
```

SELECT EMP_NUM,SUM(HOURS_PER_ATTRACT) AS TOTAL_HOUR FROM HOURS GROUP BY EMP NUM;

```
MariaDB [THEME_PARK]> SELECT EMP_NUM,SUM(HOURS_PER_ATTRACT) AS TOTAL_HOUR FROM HOURS GROUP BY EMP_NUM;

| EMP_NUM | TOTAL_HOUR |

| 100 | 12 |

| 101 | 6 |

| 102 | 12 |

| 104 | 12 |

| 105 | 12 |

5 rows in set (0.001 sec)
```

SELECT ATTRACT_NO,MIN(HOUR_RATE),MAX(HOUR_RATE) FROM HOURS GROUP BY ATTRACT NO;

```
MariaDB [THEME_PARK]> SELECT ATTRACT_NO,MIN(HOUR_RATE),MAX(HOUR_RATE) FROM HOURS GROUP BY ATTRACT_NO;

| ATTRACT_NO | MIN(HOUR_RATE) | MAX(HOUR_RATE) |

| 10034 | 6.50 | 6.50 |

| 10078 | 8.50 | 8.50 |

| 10098 | 8.50 | 8.50 |

| 30011 | 7.20 | 7.20 |

| 30012 | 5.99 | 7.20 |

| 30044 | 5.99 | 5.99 |
```

SELECT EMP_NUM,ATTRACT_NO,AVG(HOURS_PER_ATTRACT) FROM HOURS GROUP BY EMP_NUM,ATTRACT_NO HAVING AVG(HOURS_PER_ATTRACT) >=5;

```
MariaDB [THEME_PARK]> SELECT EMP_NUM,ATTRACT_NO,AVG(HOURS_PER_ATTRACT) FROM HOURS GROUP BY EMP_NUM,ATTRACT_NO HAVING AVG(HOURS_PER_ATTRACT) >= 5;

| EMP_NUM | ATTRACT_NO | AVG(HOURS_PER_ATTRACT) |

| 100 | 10034 | 6.0000 |

| 101 | 10034 | 6.0000 |

| 104 | 30011 | 6.0000 |

| 104 | 30012 | 6.0000 |

4 rows in set (0.001 sec)
```

SELECT * FROM HOURS CROSS JOIN EMPLOYEE;

MartaOS [T	HERE_PARK]> SI	ELECT * FROM HOURS CO	ROSS JOON EN	PLOYEE;									
EMP_NUM	ATTRACT_NO	HOURS_PER_ATTRACT	HOUR_RATE	DATE_MORKED	EMP_NUM	EMP_TITLE	EMP_LIMME	DP_NWE	EMP_008	EMP_HIRE_DATE	EMP_AREA_CODE	DIP_PHONE	PARK_CODE
100				2007-05-18	100		Calderdate		1972-06-15				PR1001
1 100	10034	6		2007-05-18	101		Rtcardo Arshad	Harshet Artf	1978-65-19 1969-11-14		6181 7253	324-4472 675-8993	UK3452 PR1661
100		ŏ		2007-05-18	103		Roberts	Anne	1974-16-16			898-3456	UK3452
100	10034			2007-05-18	164		Denver	Enrica	1986-11-66		7253	554-4434	ZA1342
100	10034			2007-05-18	105		Nameson	Hirrelle	1998-83-14		0101	898-3243 324-7845	PR1001 ZA1342
1 100	10034	6 6		2007-05-18	106		Setth Calderdate	Germa Erma	1968-62-12 1972-66-15			324-7945	ZA1342 PR1881
100				2007-05-20	101		Ricardo	Harshell.	1978-63-19		0181	324-4472	UK3452
100	10034		6.50	2007-05-20	102		Arshad	Artf	1969-11-14			675-8993	PR1001
100	10034			2007-05-20	103		Roberts	Anne	1974-18-16		0101	898-3456	UK3452
1 100	10034	•		2007-05-20	104		Deriver Nances	Enrica Hirrelle	1990-11-08 1990-03-14		7253 6181	554-4434 896-3243	ZA1342 FR1001
100	10034	6		2007-05-20	106		Setth	Germa	1966-62-12		0181	324-7845	ZA1342
101	10034	6		2007-05-18	100		Calderdate		1972-06-15		0161	324-9134	PR1001
101	10034			2007-05-18	101	Hs	Rtcardo	Harshell	1978-63-19		0181	324-4472	UK3452
101	10034	6 6		2007-05-18	162		Arshad Roberts	Artf	1969-11-14		7253 6181	413-400	PR1001 UK3452
101	10034	6		2007-05-18	104		Denver	Enrica	1986-11-66		7253	554-4434	UKS452 ZA1342
101		6		2007-05-18	105		Navous	Hirrelle	1998-63-14		0101	890-3243	FR1001
101	10034			2007-05-18	106		Setth	Germa	1966-62-12		0101	324-7845	ZA1342
1 162	30012			2007-05-23	100		Calderdale		1972-86-15		0181	324-9134 324-4472	PR1001 UK3452
162	30012	3		2007-05-23	101		Rtcardo Arshad	Harshet Artf	1978-63-19 1969-11-14		7253	675-8993	UK3452 PR1881
162		3		2007-05-23	103		Roberts	Anne	1974-16-16			898-3456	UK3452
162	30012			2007-05-23	164	Hr	Denver	Enrica	1986-11-66		7253	504-4434	ZA1342
162	30012			2007-05-23	105		Nanous	Hirrelle	1996-65-14			890-3243	FR1001
102	30012	3		2007-05-23	100		Setth Calderdate	Germa Erma	1968-62-12 1972-66-15		0161	324-7945 324-9134	ZA1342 FR1001
162		. 6		2007-05-21	101		Ricardo	Harshell	1978-63-19	1996-64-25	0101	324-4472	UK3452
162	30044	6		2007-05-21	102	Hr	Arshad	Artf		1990-12-20	7253	675-8993	FR1001
162	30044			2007-05-21	103		Roberts	Anne	1974-16-16			898-3456	UK3452
162				2007-05-21	164		Denver	Enrica	1986-11-86		7253 6161		ZA1342
162	30044	6 6		2007-05-21	105		Narcous Setth	Hirrelle Germa	1998-63-14 1968-62-12		0181	898-3243 324-7845	FR1001 ZA1342
162	30044	3		2007-05-22	100		Calderdale	Erro	1972-06-15		6161	324-9134	PR1001
162	30044			2007-05-22	101	Hs	Rtcardo	Harshell	1978-63-19				UK3452
162				2007-05-22	162		Arshad	Artf	1969-11-14				PR1001
162	30044	3		2007-05-22	103		Roberts Denver	Anne Enrica	1974-16-16 1986-11-66		6181 7253	090-3456 594-4434	UK3452 ZA1342
162	30044	3		2007-05-22	105		Names	Hirrelle	1996-63-14		0101	898-3243	PR1001
162	30044			2007-05-22	106	Hrs	Setth	Germa	1966-62-12		0161	324-7845	ZA1342
104				2007-05-21	100		Calderdale		1972-66-15				PR1001
104		6 6		2007-05-21	101		Rtcardo Arshad	Harshet Artf	1978-65-19 1969-11-14		6181 7253		UK3452 PR1001
164	30011	6		2007-05-21	103		Poberts	Anne	1974-16-16		0101	898-3456	DK3452
104	30011			2007-05-21	164		Denver	Enrica	1986-11-66		7253	504-4434	ZA1342
164				2007-05-21	105		Names	Hirrelle	1998-83-14		0101	898-3243	PR1001
1 104	30011	6 6		2007-05-21	100		Setth Calderdate	Germa	1968-62-12 1972-66-15		0161	324-7845 324-9134	ZA1342 PR1001
104	30012			2007-05-22	101		Causerdaue Ricardo	Erro	1978-63-19		0181	324-4472	FR1001 UK3452
104	30012			2007-05-22	102		Arshad	Artf	1969-11-14			675-8993	FR1001
104	30012		7.20	2007-05-22	103	Hs	Roberts	Anne	1974-16-16	1994-86-16	0101	898-3456	UK3452
104	30012			2007-05-22	104	Hr Hs	Derver Navova	Enrica Hirrelle	1986-11-66 1996-63-14		7253 6181	594-4434 896-3243	ZA1342 FR1001
104	30012	6 6		2007-05-22	105		Namous Setth	Germa	1966-62-12		0181	324-7845	PR1001 ZA1342
105	10078	3	8.50	2007-05-18	100		Calderdale		1972-06-15			324-9134	FR1001
105	10078		8.50	2007-05-18	101	Hs	Rtcardo	Harshell	1978-63-19	1996-64-25	0101	324-4472	UK3452
105				2007-05-18	162		Arshad	Artf	1969-11-14			675-8993	PR1001
1 105	10078	3		2007-05-18	103	Ha .	Roberts	Anne Enrica	1974-16-16 1986-11-66		6181 7253	898-3456 504-4434	UK3452 ZA1342
105				2007-05-18	105		Nanous	Hirrelle	1998-63-14				FR1001
105	10078		8.50	2007-05-18	106	Hrs	Setth	Germa	1968-62-12	1989-81-85	0181	324-7845	ZA1342
105				2007-05-18	100		Calderdale	Erma	1972-06-15		0101	324-9134	PR1001
105	10098	3		2007-05-18	101	Ha	Rtcardo Arabad	Harshell Artf	1978-65-19		6181 7253	324-4472 675-8993	UK3452 PR1661
105	10098			2007-05-18	102		Arshad Roberts	Artf	1909-11-14				PR1001 UK3452
105	10098	3		2007-05-18	164		Derver	Enrica	1980-11-08		7253	594-4434	ZA1342
105				2007-05-18	105		Navous	Hirrelle	1998-63-14	2006-11-08	0101	898-3243	FR1001
105	10098			2007-05-18		Hrs	Setth	Germa	1966-62-12		0101	324-7845	ZA1342
1 105				2007-05-19	100		Calderdale Ricardo	Erms Harshel	1972-06-15 1978-03-19		0181	324-9134 324-4472	PR1001 UK3452
105	10098	6		2007-05-19	162		Arshad	Artf	1969-11-14		7253	675-8993	FR1001
105	10098		8.50	2007-05-19	103	Hs	Roberts	Anne	1974-16-16	1994-08-16	0101	898-3456	UK3452
105	10098			2007-05-19	104		Denver	Enrica	1900-11-00		7253	504-4434	ZA1342
1 105	10098			2007-05-19	105		Namous Setth	Hirrelle Germa	1998-63-14 1966-62-12				PR1001 ZA1342
+	10090		0.30		+					2303-02-03			inane

77 rows in set (0.003 sec)

MartaDB [THEME_PARK]>

SELECT EMP_LNAME,EMP_FNAME,ATTRACT_NO ,DATE_WORKED FROM HOURS NATURAL JOIN EMPLOYEE:

```
MariaDB [THEME_PARK]> SELECT EMP_LNAME,EMP_FNAME,ATTRACT_NO,DATE_WORKED FROM HOURS NATURAL JOIN EMPLOYEE;
  EMP_LNAME | EMP_FNAME | ATTRACT_NO | DATE_WORKED |
  Calderdale | Emma
                                  10034 | 2007-05-18
                                  10034 | 2007-05-20
10034 | 2007-05-18
  Calderdale |
                Emma
                Marshel |
  Ricardo
                                 30012 | 2007-05-23
  Arshad
                Arif
  Arshad
                Arif
                                  30044 | 2007-05-21
                                  30044 | 2007-05-22
30011 | 2007-05-21
  Arshad
             | Arif
                Enrica
  Denver
  Denver
                Enrica
                                  30012 | 2007-05-22
                                 10078 | 2007-05-18
10098 | 2007-05-18
10098 | 2007-05-19
              | Mirrelle |
  Namowa
  Namowa
              | Mirrelle
              | Mirrelle |
  Namowa
11 rows in set (0.168 sec)
```

SELECT

EMP_LNAME,EMP_FNAME,HOURS.ATTRACT_NO,DATE_WORKED,ATTRACT_NAME FROM HOURS NATURAL JOIN EMPLOYEE JOIN ATTRACTION ON HOURS.ATTRACT NO = ATTRACTION.ATTRACT NO;

	+	CTION.ATTRACT	, +			
EMP_LNAME	EMP_FNAME	ATTRACT_NO	DATE_WORKED	ATTRACT_NAME		
Calderdale	Emma	10034	2007-05-18	ThunderCoaster		
Calderdale	Emma	10034	2007-05-20	ThunderCoaster		
Ricardo	Marshel	10034	2007-05-18	ThunderCoaster		
Arshad	Arif	30012	2007-05-23	Pirates		
Arshad	Arif	30044	2007-05-21	UnderSeaWord		
Arshad	Arif	30044	2007-05-22	UnderSeaWord		
Denver	Enrica	30011	2007-05-21	BlackHole2		
Denver	Enrica	30012	2007-05-22	Pirates		
Namowa	Mirrelle	10078	2007-05-18	Ant-Trap		
Namowa	Mirrelle	10098	2007-05-18	Carnival		
Namowa	Mirrelle	10098	2007-05-19	Carnival		

SELECT T.PARK_NAME, SUM(SL.LINE_PRICE) AS TOTAL_SALES FROM THEMEPARK T JOIN SALES S ON T.PARK_CODE = S.PARK_CODE JOIN SALES_LINE SL ON S.TRANSACTION_NO = SL.TRANSACTION_NO WHERE T.PARK_COUNTRY IN ('UK','FR') GROUP BY T.PARK CODE, T.PARK NAME;

```
MariaDB [THEME_PARK]> SELECT T.PARK_NAME, SUM( SL.LINE_PRICE) AS TOTAL_SALES FROM THEMEPARK T JOIN SALES S ON T.PARK_CODE = S.PARK_CODE JOIN SALES_LINE SL ON S.TRANSACTION_NO SL.TRANSACTION_NO WHERE T.PARK_COUNTRY IN ('UK', 'FR') GROUP BY T.PARK_CODE, T.PARK_NAME;

| PARK_NAME | TOTAL_SALES |
| FairyLand | 401.86 |
| PleasureLand | 851.00 |
| PleasureLand | 851.00 |
| Park_Name | Total_Sales |
| Park_Name | Total_Sales
```

SELECT SALE_DATE,LINE_QTY,LINE_PRICE FROM SALES NATURAL JOIN SALES_LINE WHERE SALE_DATE = '2007-05-18';

+		
I SALE DATE	I THE OTY	LINE_PRICE
+		
2007-05-18	2	69.98
2007-05-18	1	14.99
2007-05-18	2	69.98
2007-05-18	2	41.98
2007-05-18	1	14.99
2007-05-18	1	14.99
2007-05-18	1	34.99
2007-05-18	4	139.96
2007-05-18	4	168.40
2007-05-18	1	22.50
2007-05-18	2	21.98
2007-05-18	2	84.20
2007-05-18	2	21.98
2007-05-18	2	84.20
[2007-05-18	1	22.50
2007-05-18	2	21.98
2007-05-18	2	21.98
2007-05-18	2	84.20
2007-05-18	4	168.40
2007-05-18	1	22.50
2007-05-18	2	21.98
2007-05-18	2	84.20
2007-05-18	2	57.34
2007-05-18	2	37.12
2007-05-18	2	57.34
2007-05-18	2	37.12
2007-05-18	1	18.56
2007-05-18	1	12.12
2007-05-18	4	114.68
2007-05-18	2	57.34
2007-05-18	2	37.12
+		
31 rows in set	: (0.001 sec	:)

```
345 Query
345 QUETY SELECT CURRENT_USERC)

345 QUETY SELECT 1 FROM (SELECT 'GRANTEE', 'IS_GRANTABLE' FROM 'INFORMATION_SCHEMA'.'COLUMN_PRIVILEGES' UNION SELECT 'GRANTEE', 'IS_GRANTABLE' FROM 'INFORMATION_SCHEMA'.'TABLE_PRIVILEGES' UNION SELECT 'GRANTEE', 'IS_GRANTABLE' FROM 'INFORMATION_SCHEMA'.'SCHEMA_P
RIVILEGES' UNION SELECT 'GRANTEE', 'IS_GRANTABLE' FROM 'INFORMATION_SCHEMA'.'USER_PRIVILEGES') t WHERE 'IS_GRANTABLE' = 'YES' AND '''root''@''
localhost''' LIKE 'GRANTEE' LIMIT 1
                                                      345 Query
                                                                                         SELECT `PRIVILEGE_TYPE` FROM `INFORMATION_SCHEMA`.`USER_PRIVILEGES` WHERE GRANTEE='''root''@''localhost''' AND
   PRIVILEGE_TYPE='EVENT'
                                                                                         SELECT `PRIVILEGE_TYPE` FROM `INFORMATION_SCHEMA`.`USER_PRIVILEGES` WHERE GRANTEE='''root''@''localhost''' AND
   ______345 Query
PRIVILEGE_TYPE='TRIGGER'
                                                   RIGGER'
345 Quit
346 Connect root@localhost as anonymous on
346 Query select @@version_comment limit 1
346 Query SELECT DATABASE()
346 Init DB THEME_PARK
346 Query show databases
346 Query show tables
346 Field List ATTRACTION
346 Field List EMPLOYEE
346 Field List HOURS
  240305 23:29:51
 240305 23:31:47
                                                      346 Field List
346 Field List
                                                                                                                HOURS
SALES
                                                      346 Field List
346 Field List
346 Field List
                                                                                                                 SALES_LINE
                                                                                                                THEMEPARK
TICKET
                                                                                         SELECT AVG(HOUR_RATE) FROM HOURS

SELECT AVG(ATTRACT_AGE) FROM ATTRACTION WHERE PARK_CODE ='UK3452'

SELECT EMP_NUM,SUM(HOURS_PER_ATTRACT) AS TOTAL_HOUR FROM HOURS GROUP BY EMP_NUM

SELECT EMP_NUM,ATTRACT_NO,MIN(HOUR_RATE),MAX(HOUR_RATE) FROM HOURS GROUP BY ATTRACT_NO

SELECT EMP_NUM,ATTRACT_NO,AVG(HOURS_PER_ATTRACT) FROM HOURS GROUP BY EMP_NUM,ATTRACT_NO HAVING AVG(HOURS_PER_A
240305 23:31:58
240305 23:32:27
240305 23:32:42
                                                      346 Query
346 Query
346 Query
240305 23:32:57
240305 23:33:16
                                                      346 Query
                                                      346 Query
TTRACT) >= 5
240305 23:33:28
240305 23:33:46
TTRACT) >= 5
240305 23:33:28 346 Query SELECT * FROM HOURS CROSS JOIN EMPLOYEE
240305 23:33:46 346 Query SELECT EMP_LNAME,EMP_FNAME,ATTRACT_NO,DATE_WORKED FROM HOURS NATURAL JOIN EMPLOYEE
240305 23:33:59 346 Query SELECT EMP_LNAME,EMP_FNAME,HOURS.ATTRACT_NO,DATE_WORKED,ATTRACT_NAME FROM HOURS NATURAL JOIN EMPLOYEE JOIN ATT
RACTION ON HOURS.ATTRACT_NO = ATTRACTION.ATTRACT_NO
240305 23:34:11 346 Query SELECT T.PARK_NAME, SUM( SL.LINE_PRICE) AS TOTAL_SALES FROM THEMEPARK T JOIN SALES S ON T.PARK_CODE = S.PARK
_CODE JOIN SALES_LINE SL ON S.TRANSACTION_NO = SL.TRANSACTION_NO WHERE T.PARK_COUNTRY IN ('UK', 'FR') GROUP BY T.PARK_CODE, T.PARK_NAME
240305 23:34:21 346 Query SELECT SALE_DATE,LINE_QTY,LINE_PRICE FROM SALES NATURAL JOIN SALES_LINE WHERE SALE_DATE = '2007-05-18'
```