

DataBase Lab Task (18p-0126)

Ahmad Hasan Syed 6-B

SQL Commands List and outputs

(The Commands listed below may not be in sequence
But all commands + exercises are completed)

```
271
272 • SELECT EMP_NUM,EMP_FNAME FROM EMPLOYEE ORDER BY EMP_NUM,EMP_FNAME DESC;
100% 72:272

Result Grid Filter Rows: Search Edit: Export/Import: 
EMPLOYEE 35

EMP_NUM EMP_FNAME
100 Emma
101 Marshel
102 Arif
103 Anne
104 Enrica
105 Mirrelle
106 Gemma
NULL NULL

Action Output
Time Action Response Duration / Fetch Time
152 21:55:32 SELECT *FROM SALES_LINE WHERE TRANSACTION_NO>50 AND LINE_PRICE>50 LIMIT 0, 1000 13 row(s) returned 0.00035 sec / 0.000...
153 21:57:51 SELECT EMP_NUM,EMP_FNAME FROM EMPLOYEE ORDER BY EMP_NUM,EMP_FNAME DESC LIMIT 0, 1000 7 row(s) returned 0.00029 sec / 0.000...
```

```
269
270 • SELECT *FROM SALES_LINE WHERE TRANSACTION_NO>50 AND LINE_PRICE>50;
100% 67:270

Result Grid Filter Rows: Search Edit: Export/Import: 
SALES_LINE 34

TRANSACTION_NO LINE_NO TICKET_NO LINE_QTY LINE_PRICE
12781 1 13002 2 69.98
12782 1 13002 2 69.98
12785 3 13002 4 139.96
34534 1 88568 4 168.40
34535 1 88568 2 84.20
34537 1 88568 2 84.20
34539 2 88568 2 84.20
34540 1 88568 4 168.40
34541 1 88568 2 84.20
67589 1 67833 2 57.34
67590 1 67833 2 57.34
67592 1 67833 4 114.68
67593 1 67833 2 57.34
NULL NULL NULL NULL NULL

Action Output
Time Action Response Duration / Fetch Time
151 21:53:38 SELECT * FROM SALES ORDER BY SALE_DATE DESC LIMIT 0, 1000 19 row(s) returned 0.00036 sec / 0.000...
152 21:55:32 SELECT *FROM SALES_LINE WHERE TRANSACTION_NO>50 AND LINE_PRICE>50 LIMIT 0, 1000 13 row(s) returned 0.00035 sec / 0.000...
```

265
266 • SELECT DISTINCT(EMP_NUM) FROM HOURS;
100% 38:266

Result Grid Filter Rows: Search Export:

EMP_NUM |

100
101
102
104
105

Result 32 |

Read Only

263
264 • SELECT ATTRACT_NO,HOUR_RATE,HOUR_RATE+ROUND((HOUR_RATE*0.2),2) FROM HOURS;
100% 74:264

Result Grid Filter Rows: Search Export:

ATTRACT_NO HOUR_RATE HOUR_RATE+ROUND((HOUR_RATE*0.2),2) |

10034	6.50	7.80
10034	6.50	7.80
10034	6.50	7.80
30012	5.99	7.19
30044	5.99	7.19
30044	5.99	7.19
30011	7.20	8.64
30012	7.20	8.64
10078	8.50	10.20
10098	8.50	10.20
10098	8.50	10.20

Result 31 |

Read Only

261
262 • SELECT * FROM ATTRACTION WHERE ATTRACT_CAPACITY<60 AND PARK_CODE='FR1001';
100% 75:262

Result Grid Filter Rows: Search Edit: Export/Import:

ATTRACT_NO ATTRACT_NAME ATTRACT_AGE ATTRACT_CAPACITY PARK_CODE |

10034	ThunderCoaster	11	34	FR1001
10067	FlightToStars	11	24	FR1001
10078	Ant-Trap	23	30	FR1001
NULL	NULL	NULL	NULL	NULL

ATTRACTION 30 |

Action Output

Time	Action	Response	Duration / Fetch Time
143 21:30:50	SELECT * FROM TICKET WHERE TICKET_PRICE BETWEEN '20' AND '30' LIMIT 0, 1000	4 row(s) returned	0.0013 sec / 0.00000...
144 21:34:28	SELECT * FROM ATTRACTION WHERE ATTRACT_CAPACITY<60 AND PARK_CODE='FR1001' LIMIT 0, 1000	3 row(s) returned	0.00079 sec / 0.00000...

Apply Revert

260 • SELECT * FROM TICKET WHERE TICKET_PRICE BETWEEN '20' AND '30';
100% 63:260

Result Grid Filter Rows: Search Edit: Export/Import:

TICKET_NO TICKET_PRICE TICKET_TYPE PARK_CODE |

11001	24.99	Adult	SP4533
13003	20.99	Senior	FR1001
67833	28.67	Adult	ZA1342
88567	22.50	Child	UK3452
NULL	NULL	NULL	NULL

257
258 • SELECT * FROM SALES WHERE SALE_DATE='2008-05-18';
100% 50:258

Result Grid Filter Rows: Search Edit: Export/Import:

TRANSACTION_NO PARK_CODE SALE_DATE |

NULL	NULL	NULL
------	------	------

247

248 • SELECT * FROM EMPLOYEE ORDER BY EMP_LNAME,EMP_FNAME;

100% ◊ 43:248

Result Grid

1

 Filter Rows:

Search

Edit:   

Export/Import:

Result Grid

EMPLOYEE 24

Action Output

	Time	Action	Response	Duration / Fetch Time
✓	137 21:16:55	SELECT * FROM EMPLOYEE ORDER BY EMP...	7 row(s) returned	0.00093 sec / 0.000...
✓	138 21:18:06	SELECT * FROM EMPLOYEE ORDER BY EMP...	7 row(s) returned	0.00066 sec / 0.000...

246

```
SELECT * FROM EMPLOYEE ORDER BY EMP_HIRE_DATE DESC;
```

100%

32:246

Result Grid

1

 Filter Rows:

Q Search

Edit:   

Export/Import:

A small black icon representing a grid or matrix.

EMPLOYEE 23

Revert

```
SELECT * FROM EMPLOYEE WHERE NOT (EMP_NUM=106);
```

244 •

100% ◊ 48:244

EMPLOYEE 22

Action Output

Action Output	Logs			
	Time	Action	Response	Duration / Fetch Time
✓ 134	21:12:50	SELECT * FROM ATTRACTION WHERE (PAR...	5 row(s) returned	0.00046 sec / 0.000...
✓ 135	21:13:37	SELECT * FROM EMPLOYEE WHERE NOT (E...	6 row(s) returned	0.00096 sec / 0.000...

240

241 •

100% 47:341

100% 79.2% ●

Result Grid

THEME PARK 20

 Read Only

Action Output

	Time	Action	Response	Duration / Fetch Time
✓	132	21:08:48	SELECT * FROM ATTRACTION WHERE ATTR...	4 row(s) returned 0.00037 sec / 0.0000...
✓	133	21:09:39	SELECT PARK_NAME, PARK_COUNTRY FRO...	3 row(s) returned 0.00096 sec / 0.0000...


```
220  
221 *  SELECT PARK_CODE, TICKET_TYPE, TICKET_PRICE  
222      FROM TICKET  
223      WHERE TICKET_PRICE > 20;
```

100% 25:223

Difference b/w IN and Between:

IN is used when e.g IN(12,17) will take values having 12 and 17 in them whereas between is used e.g(12,17) all the values ranging between 12 and 17 (12,13,14,15,16,17) !

```

267
268 • SELECT * FROM SALES ORDER BY SALE_DATE DESC;
100% 45:268 | Result Grid | Filter Rows: Search | Edit: | Export/Import: | Form Editor | Field Types | Query Stats | Revert | Result Grid | Form Editor | Field Types | Query Stats | Revert |
TRANSACTION_NO PARK_CODE SALE_DATE
12783 FR1001 2007-05-18
12784 FR1001 2007-05-18
12785 FR1001 2007-05-18
12786 FR1001 2007-05-18
34534 UK3452 2007-05-18
34535 UK3452 2007-05-18
34536 UK3452 2007-05-18
34537 UK3452 2007-05-18
34538 UK3452 2007-05-18
34539 UK3452 2007-05-18
34540 UK3452 2007-05-18
34541 UK3452 2007-05-18
67589 ZA1342 2007-05-18
67590 ZA1342 2007-05-18
SALES 33 | Apply | Revert |
Action Output
Time Action Response Duration / Fetch Time
150 21:51:51 SELECT DISTINCT(EMP_NUM) FROM HOURS LIMIT 0, 1000 5 row(s) returned 0.00035 sec / 0.0000...
151 21:53:38 SELECT * FROM SALES ORDER BY SALE_DATE DESC LIMIT 0, 1000 19 row(s) returned 0.00036 sec / 0.000...

```

```

242
243 • ATTRACTION WHERE (PARK_CODE LIKE 'FR%' AND ATTRACT_CAPACITY <50) OR (ATTRACT_CAPACITY > 100)
100% 33:243 | Result Grid | Filter Rows: Search | Edit: | Export/Import: | Form Editor | Field Types | Query Stats | Revert | Result Grid | Form Editor | Field Types | Query Stats | Revert |
ATTRACT_NO ATTRACT_NAME ATTRACT_AGE ATTRACT_CAPACITY PARK_CODE
10034 ThunderCoaster 11 34 FR1001
10067 FlightToStars 11 24 FR1001
10078 Ant-Trap 23 30 FR1001
10098 Carnival 3 120 FR1001
20056 3D-Lego_Show 3 200 UK3452
NULL NULL NULL NULL NULL
ATTRACTION 21 | Apply | Revert |
Action Output
Time Action Response Duration / Fetch Time
133 21:09:39 SELECT PARK_NAME, PARK_COUNTRY FRO... 3 row(s) returned 0.00096 sec / 0.000...
134 21:12:50 SELECT * FROM ATTRACTION WHERE (PAR... 5 row(s) returned 0.00046 sec / 0.000...

```