

## SQLITE Day 3 Codes

### Guidelines:

- Red color coding – Query
- Blue color coding – Query Output

---

### Loading the Database and setting output formatting

```
sqlite> .open ProductDB.db
```

```
sqlite> .tables
```

```
parle_prod  product_info
```

```
sqlite> .mode column
```

```
sqlite> .header on
```

```
sqlite>
```

```
sqlite> select * from parle_prod;
```

```
prod_name      sum(prod_price)
```

```
-----
```

```
PARLEg-Coconut 35
```

```
Parle-G        5
```

```
ParleG-Coconut 140
```

```
ParleG-Doubledip 23
```

```
ParleG-Pista   45
```

```
sqlite> select * from product_info;
```

```
prod_id prod_name      prod_price
```

```
-----
```

```
101  Parle-G        5
```

```
102  GoodDay        10
```

```
103  KrackJack      10
```

```
104  Sunfeast       15
```

```
105  Marie-Lite     20
```

```
106  Nutri-Choice   35
```

```
107  Hide-N-Seek    49
```

108	Milano	59
109	Butter-Bite	60
110	Choco-Chips	70
111	ParleG-Coconut	35
112	ParleG-Pista	45
113	ParleG-Doubledip	23
114	PARLEg-Coconut	35
115	ParleG-Coconut	105
116	Sunfeast	122

---

### Joins (Inner, Left, Cross, Self and Full Outer)

sqlite>

sqlite> select \* from product\_info inner join parle\_prod on parle\_prod.prod\_name = product\_info.prod\_name;

prod_id	prod_name	prod_price	prod_name	sum(prod_price)
---------	-----------	------------	-----------	-----------------

101	Parle-G	5	Parle-G	5
111	ParleG-Coconut	35	ParleG-Coconut	140
112	ParleG-Pista	45	ParleG-Pista	45
113	ParleG-Doubledip	23	ParleG-Doubledip	23
114	PARLEg-Coconut	35	PARLEg-Coconut	35
115	ParleG-Coconut	105	ParleG-Coconut	140

sqlite>

sqlite> select \* from product\_info inner join parle\_prod on parle\_prod.prod\_name = product\_info.prod\_id;

sqlite>

sqlite> alter table parle\_prod rename 'sum(prod\_price)' to prod\_total;

sqlite>

sqlite> select \* from parle\_prod;

prod_name	prod_total
-----------	------------

PARLEg-Coconut 35

Parle-G 5

ParleG-Coconut 140

ParleG-Doubledip 23

ParleG-Pista 45

sqlite>

sqlite> select \* from parle\_prod;

prod_name	prod_total
-----------	------------

-----

PARLEg-Coconut 35

Parle-G 5

ParleG-Coconut 140

ParleG-Doubledip 23

ParleG-Pista 45

sqlite> select \* from product\_info;

prod_id	prod_name	prod_price
---------	-----------	------------

-----

101 Parle-G 5

102 GoodDay 10

103 KrackJack 10

104 Sunfeast 15

105 Marie-Lite 20

106 Nutri-Choice 35

107 Hide-N-Seek 49

108 Milano 59

109 Butter-Bite 60

110 Choco-Chips 70

111 ParleG-Coconut 35

112 ParleG-Pista 45

113 ParleG-Doubledip 23

114 PARLEg-Coconut 35

115 ParleG-Coconut 105

116 Sunfeast 122

sqlite>

sqlite> select a.prod\_id, b.prod\_total from product\_info a inner join parle\_prod b on a.prod\_name = b.prod\_name;

prod\_id prod\_total

-----

101 5

111 140

112 45

113 23

114 35

115 140

sqlite>

sqlite> create table t1(col1 int);

sqlite> insert into t1 values(1), (2), (3), (4), (5);

sqlite> create table t2(col2 text);

sqlite> insert into t2 values('1'), ('2'), ('3'), ('4'), ('5');

sqlite>

sqlite> select \* from t1;

col1

----

1

2

3

4

5

sqlite> select \* from t2;

col2

----

1

2

3

4

5

```
sqlite> select * from t1 inner join t2 on t1.col1=t2.col2;
```

```
col1 col2
```

```
---- ----
```

```
1  1
```

```
2  2
```

```
3  3
```

```
4  4
```

```
5  5
```

```
sqlite>
```

```
sqlite> select * from parle_prod;
```

```
prod_name    prod_total
```

```
-----
```

```
PARLEg-Coconut 35
```

```
Parle-G        5
```

```
ParleG-Coconut 140
```

```
ParleG-Doubledip 23
```

```
ParleG-Pista   45
```

```
sqlite> select * from product_info;
```

```
prod_id prod_name    prod_price
```

```
-----
```

```
101  Parle-G      5
```

```
102  GoodDay      10
```

```
103  KrackJack    10
```

```
104  Sunfeast     15
```

```
105  Marie-Lite   20
```

```
106  Nutri-Choice 35
```

```
107  Hide-N-Seek  49
```

108	Milano	59
109	Butter-Bite	60
110	Choco-Chips	70
111	ParleG-Coconut	35
112	ParleG-Pista	45
113	ParleG-Doubledip	23
114	PARLEg-Coconut	35
115	ParleG-Coconut	105
116	Sunfeast	122

sqlite>

sqlite> select \* from product\_info left join parle\_prod on parle\_prod.prod\_name = product\_info.prod\_id;

prod_id	prod_name	prod_price	prod_name	prod_total
---------	-----------	------------	-----------	------------

-----

101	Parle-G	5
102	GoodDay	10
103	KrackJack	10
104	Sunfeast	15
105	Marie-Lite	20
106	Nutri-Choice	35
107	Hide-N-Seek	49
108	Milano	59
109	Butter-Bite	60
110	Choco-Chips	70
111	ParleG-Coconut	35
112	ParleG-Pista	45
113	ParleG-Doubledip	23
114	PARLEg-Coconut	35
115	ParleG-Coconut	105
116	Sunfeast	122

sqlite> select \* from product\_info inner join parle\_prod on parle\_prod.prod\_name = product\_info.prod\_name;

prod_id	prod_name	prod_price	prod_name	prod_total
---------	-----------	------------	-----------	------------

-----

101	Parle-G	5	Parle-G	5
111	ParleG-Coconut	35	ParleG-Coconut	140
112	ParleG-Pista	45	ParleG-Pista	45
113	ParleG-Doubledip	23	ParleG-Doubledip	23
114	PARLEg-Coconut	35	PARLEg-Coconut	35
115	ParleG-Coconut	105	ParleG-Coconut	140

sqlite>

sqlite> select \* from product\_info inner join parle\_prod on product\_info.prod\_name =  
parle\_prod.prod\_name;

prod_id	prod_name	prod_price	prod_name	prod_total
---------	-----------	------------	-----------	------------

-----

101	Parle-G	5	Parle-G	5
111	ParleG-Coconut	35	ParleG-Coconut	140
112	ParleG-Pista	45	ParleG-Pista	45
113	ParleG-Doubledip	23	ParleG-Doubledip	23
114	PARLEg-Coconut	35	PARLEg-Coconut	35
115	ParleG-Coconut	105	ParleG-Coconut	140

sqlite> select \* from product\_info left join parle\_prod on product\_info.prod\_name =  
parle\_prod.prod\_name;

prod_id	prod_name	prod_price	prod_name	prod_total
---------	-----------	------------	-----------	------------

-----

101	Parle-G	5	Parle-G	5
102	GoodDay	10		
103	KrackJack	10		
104	Sunfeast	15		
105	Marie-Lite	20		
106	Nutri-Choice	35		
107	Hide-N-Seek	49		
108	Milano	59		
109	Butter-Bite	60		

```

110  Choco-Chips    70
111  ParleG-Coconut 35    ParleG-Coconut 140
112  ParleG-Pista   45    ParleG-Pista   45
113  ParleG-Doubledip 23    ParleG-Doubledip 23
114  PARLEg-Coconut 35    PARLEg-Coconut 35
115  ParleG-Coconut 105    ParleG-Coconut 140
116  Sunfeast      122

```

sqlite>

sqlite> pragma table\_info('parle\_prod');

```

cid name      type notnull dflt_value pk

```

```

---

```

```

0  prod_name  TEXT 0          0

```

```

1  prod_total  0          0

```

sqlite>

sqlite> .tables

```

parle_prod  product_info t1      t2

```

sqlite> select \* from parle\_prod;

```

prod_name      prod_total

```

```

-----

```

```

PARLEg-Coconut 35

```

```

Parle-G         5

```

```

ParleG-Coconut 140

```

```

ParleG-Doubledip 23

```

```

ParleG-Pista    45

```

sqlite> select \* from product\_info;

```

prod_id prod_name      prod_price

```

```

-----

```

```

101  Parle-G         5

```

```

102  GoodDay         10

```

```

103  KrackJack       10

```

```

104  Sunfeast        15

```



105	Marie-Lite	20
106	Nutri-Choice	35
107	Hide-N-Seek	49
108	Milano	59
109	Butter-Bite	60
110	Choco-Chips	70
111	ParleG-Coconut	35
112	ParleG-Pista	45
113	ParleG-Doubledip	23
114	PARLEg-Coconut	35
115	ParleG-Coconut	105
116	Sunfeast	122

sqlite>

sqlite> select \* from parle\_prod cross join product\_info;

prod_name	prod_total	prod_id	prod_name	prod_price
-----------	------------	---------	-----------	------------

PARLEg-Coconut	35	101	Parle-G	5
PARLEg-Coconut	35	102	GoodDay	10
PARLEg-Coconut	35	103	KrackJack	10
PARLEg-Coconut	35	104	Sunfeast	15
PARLEg-Coconut	35	105	Marie-Lite	20
PARLEg-Coconut	35	106	Nutri-Choice	35
PARLEg-Coconut	35	107	Hide-N-Seek	49
PARLEg-Coconut	35	108	Milano	59
PARLEg-Coconut	35	109	Butter-Bite	60
PARLEg-Coconut	35	110	Choco-Chips	70
PARLEg-Coconut	35	111	ParleG-Coconut	35
PARLEg-Coconut	35	112	ParleG-Pista	45
PARLEg-Coconut	35	113	ParleG-Doubledip	23
PARLEg-Coconut	35	114	PARLEg-Coconut	35
PARLEg-Coconut	35	115	ParleG-Coconut	105

PARLEg-Coconut 35 116 Sunfeast 122

Parle-G 5 101 Parle-G 5

Parle-G 5 102 GoodDay 10

sqlite>

sqlite> select \* from product\_info a inner join product\_info b on a.prod\_id = b.prod\_id;

prod_id	prod_name	prod_price	prod_id	prod_name	prod_price
---------	-----------	------------	---------	-----------	------------

101	Parle-G	5	101	Parle-G	5
102	GoodDay	10	102	GoodDay	10
103	KrackJack	10	103	KrackJack	10
104	Sunfeast	15	104	Sunfeast	15
105	Marie-Lite	20	105	Marie-Lite	20
106	Nutri-Choice	35	106	Nutri-Choice	35
107	Hide-N-Seek	49	107	Hide-N-Seek	49

\*\*\*\*\*

sqlite>

sqlite> alter table product\_info add column commodity\_num int;

sqlite>

sqlite> select \* from product\_info;

prod_id	prod_name	prod_price	commodity_num
---------	-----------	------------	---------------

101	Parle-G	5	
102	GoodDay	10	
103	KrackJack	10	
104	Sunfeast	15	
105	Marie-Lite	20	
106	Nutri-Choice	35	
107	Hide-N-Seek	49	
108	Milano	59	
109	Butter-Bite	60	
110	Choco-Chips	70	

```
111 ParleG-Coconut 35
112 ParleG-Pista 45
113 ParleG-Doubledip 23
114 PARLEg-Coconut 35
115 ParleG-Coconut 105
116 Sunfeast 122
```

sqlite>

sqlite> update product\_info set commodity\_num = 114 where prod\_id = 108;

sqlite> update product\_info set commodity\_num = 115 where prod\_id = 109;

sqlite> update product\_info set commodity\_num = 106 where prod\_id = 103;

sqlite> update product\_info set commodity\_num = 108 where prod\_id = 106;

sqlite>

sqlite> select \* from product\_info;

```
prod_id prod_name    prod_price commodity_num
```

```
-----
```

```
101 Parle-G      5
102 GoodDay     10
103 KrackJack   10    106
104 Sunfeast    15
105 Marie-Lite  20
106 Nutri-Choice 35    108
107 Hide-N-Seek 49
108 Milano      59    114
109 Butter-Bite 60    115
110 Choco-Chips 70
111 ParleG-Coconut 35
112 ParleG-Pista 45
113 ParleG-Doubledip 23
114 PARLEg-Coconut 35
115 ParleG-Coconut 105
116 Sunfeast    122
```

sqlite>

sqlite> select \* from product\_info a inner join product\_info b on a.prod\_id = b.commodity\_num;

prod_id	prod_name	prod_price	commodity_num	prod_id	prod_name	prod_price
---------	-----------	------------	---------------	---------	-----------	------------

106	Nutri-Choice	35	108	103	KrackJack	10	106
108	Milano	59	114	106	Nutri-Choice	35	108
114	PARLEg-Coconut	35		108	Milano	59	114
115	ParleG-Coconut	105		109	Butter-Bite	60	115

sqlite>

sqlite> select \* from product\_info a inner join product\_info b on a.prod\_id = b.commodity\_num order by a.prod\_price;

prod_id	prod_name	prod_price	commodity_num	prod_id	prod_name	prod_price
---------	-----------	------------	---------------	---------	-----------	------------

106	Nutri-Choice	35	108	103	KrackJack	10	106
114	PARLEg-Coconut	35		108	Milano	59	114
108	Milano	59	114	106	Nutri-Choice	35	108
115	ParleG-Coconut	105		109	Butter-Bite	60	115

sqlite> select \* from product\_info a inner join product\_info b on a.prod\_id = b.commodity\_num order by a.prod\_price asc;

prod_id	prod_name	prod_price	commodity_num	prod_id	prod_name	prod_price
---------	-----------	------------	---------------	---------	-----------	------------

106	Nutri-Choice	35	108	103	KrackJack	10	106
114	PARLEg-Coconut	35		108	Milano	59	114
108	Milano	59	114	106	Nutri-Choice	35	108
115	ParleG-Coconut	105		109	Butter-Bite	60	115

sqlite>

sqlite> select \* from product\_info full outer join parle\_prod on product\_info.prod\_name = parle\_prod.prod\_name;

prod_id	prod_name	prod_price	commodity_num	prod_name	prod_total
---------	-----------	------------	---------------	-----------	------------

101	Parle-G	5		Parle-G	5
102	GoodDay	10			
103	KrackJack	10	106		
104	Sunfeast	15			
105	Marie-Lite	20			
106	Nutri-Choice	35	108		
107	Hide-N-Seek	49			
108	Milano	59	114		
109	Butter-Bite	60	115		
110	Choco-Chips	70			
111	ParleG-Coconut	35		ParleG-Coconut	140
112	ParleG-Pista	45		ParleG-Pista	45
113	ParleG-Doubledip	23		ParleG-Doubledip	23
114	PARLEg-Coconut	35		PARLEg-Coconut	35
115	ParleG-Coconut	105		ParleG-Coconut	140
116	Sunfeast	122			

```
sqlite> select * from product_info right join parle_prod on product_info.prod_name =
parle_prod.prod_name;
```

prod_id	prod_name	prod_price	commodity_num	prod_name	prod_total
---------	-----------	------------	---------------	-----------	------------

101	Parle-G	5		Parle-G	5
111	ParleG-Coconut	35		ParleG-Coconut	140
112	ParleG-Pista	45		ParleG-Pista	45
113	ParleG-Doubledip	23		ParleG-Doubledip	23
114	PARLEg-Coconut	35		PARLEg-Coconut	35
115	ParleG-Coconut	105		ParleG-Coconut	140

```
sqlite>
```

```
sqlite> select * from product_info full outer join parle_prod on product_info.prod_name =
parle_prod.prod_name;
```

prod_id	prod_name	prod_price	commodity_num	prod_name	prod_total
---------	-----------	------------	---------------	-----------	------------

101	Parle-G	5		Parle-G	5
-----	---------	---	--	---------	---

102	GoodDay	10	
103	KrackJack	10	106
104	Sunfeast	15	
105	Marie-Lite	20	
106	Nutri-Choice	35	108
107	Hide-N-Seek	49	
108	Milano	59	114
109	Butter-Bite	60	115
110	Choco-Chips	70	
111	ParleG-Coconut	35	ParleG-Coconut 140
112	ParleG-Pista	45	ParleG-Pista 45
113	ParleG-Doubledip	23	ParleG-Doubledip 23
114	PARLEg-Coconut	35	PARLEg-Coconut 35
115	ParleG-Coconut	105	ParleG-Coconut 140
116	Sunfeast	122	

sqlite>

sqlite> create table prod\_delivery(prod\_name text, status text);

sqlite> insert into prod\_delivery values ('KrackJack', 'Shipped'), ('Sunfeast', 'Pending'), ('Marie-Lite', 'In-Transit');

sqlite>

sqlite> select \* from prod\_delivery;

prod\_name status

-----

KrackJack Shipped

Sunfeast Pending

Marie-Lite In-Transit

sqlite>

sqlite> select a.prod\_name, c.status from product\_info a inner join prod\_delivery c on a.prod\_name = c.prod\_name;

prod\_name status

-----

KrackJack Shipped

Sunfeast Pending

Marie-Lite In-Transit

Sunfeast Pending

```
sqlite> select * from product_info a inner join prod_delivery c on a.prod_name = c.prod_name;
```

prod_id	prod_name	prod_price	commodity_num	prod_name	status
---------	-----------	------------	---------------	-----------	--------

103	KrackJack	10	106	KrackJack	Shipped
104	Sunfeast	15		Sunfeast	Pending
105	Marie-Lite	20		Marie-Lite	In-Transit
116	Sunfeast	122		Sunfeast	Pending

```
sqlite> select * from product_info a inner join prod_delivery c on a.prod_name = c.prod_name  
inner join parle_prod on a.prod_name = parle_prod.prod_name;
```

```
sqlite>
```

```
sqlite> insert into prod_delivery values ('ParleG-Pista', 'Shipped'), ('Parle-G', 'In-Transit');
```

```
sqlite>
```

```
sqlite> select a.prod_name, b.prod_total, c.status from product_info a inner join parle_prod b on  
a.prod_name = b.prod_name inner join prod_delivery c on a.prod_name = c.prod_name;
```

prod_name	prod_total	status
-----------	------------	--------

Parle-G	5	In-Transit
ParleG-Pista	45	Shipped

```
sqlite>
```

```
sqlite> select * from prod_delivery;
```

prod_name	status
-----------	--------

KrackJack	Shipped
Sunfeast	Pending
Marie-Lite	In-Transit
ParleG-Pista	Shipped
Parle-G	In-Transit

```
sqlite> select * from parle_prod;
```

prod_name	prod_total
-----------	------------

-----  
PARLEg-Coconut 35

Parle-G 5

ParleG-Coconut 140

ParleG-Doubledip 23

ParleG-Pista 45

sqlite> select \* from product\_info;

prod\_id prod\_name prod\_price commodity\_num

-----  
101 Parle-G 5  
102 GoodDay 10  
103 KrackJack 10 106  
104 Sunfeast 15  
105 Marie-Lite 20  
106 Nutri-Choice 35 108  
107 Hide-N-Seek 49  
108 Milano 59 114  
109 Butter-Bite 60 115  
110 Choco-Chips 70  
111 ParleG-Coconut 35  
112 ParleG-Pista 45  
113 ParleG-Doubledip 23  
114 PARLEg-Coconut 35  
115 ParleG-Coconut 105  
116 Sunfeast 122

---

---

### SET Operations (UNION, INTERSECT and EXCEPT)

sqlite>

sqlite> select prod\_name, prod\_price from product\_info union select prod\_name, prod\_total from parle\_prod;

prod\_name prod\_price



```

-----
Butter-Bite      60
Choco-Chips     70
GoodDay         10
Hide-N-Seek     49
KrackJack       10
Marie-Lite      20
Milano          59
Nutri-Choice    35
PARLEg-Coconut  35
Parle-G         5
ParleG-Coconut  35
ParleG-Coconut 105
ParleG-Coconut 140
ParleG-Doubledip 23
ParleG-Pista    45
Sunfeast        15
Sunfeast        122

```

sqlite>

```

sqlite> select prod_name, prod_price from product_info intersect select prod_name, prod_total
from parle_prod;

```

```

prod_name      prod_price
-----

```

```

PARLEg-Coconut 35
Parle-G        5
ParleG-Doubledip 23
ParleG-Pista   45

```

sqlite>

```

sqlite> select prod_name, prod_price from product_info except select prod_name, prod_total from
parle_prod;

```

```

prod_name      prod_price
-----

```

Butter-Bite 60  
Choco-Chips 70  
GoodDay 10  
Hide-N-Seek 49  
KrackJack 10  
Marie-Lite 20  
Milano 59  
Nutri-Choice 35  
ParleG-Coconut 35  
ParleG-Coconut 105  
Sunfeast 15  
Sunfeast 122

sqlite>

sqlite> select \* from parle\_prod;

prod_name	prod_total
-----------	------------

PARLEg-Coconut	35
----------------	----

Parle-G	5
---------	---

ParleG-Coconut	140
----------------	-----

ParleG-Doubledip	23
------------------	----

ParleG-Pista	45
--------------	----

sqlite> select \* from prod\_delivery;

prod_name	status
-----------	--------

KrackJack	Shipped
-----------	---------

Sunfeast	Pending
----------	---------

Marie-Lite	In-Transit
------------	------------

ParleG-Pista	Shipped
--------------	---------

Parle-G	In-Transit
---------	------------

sqlite>

sqlite> select \* from parle\_prod union select \* from prod\_delivery;

prod_name	prod_total
-----------	------------

-----	-----
-------	-------

KrackJack	Shipped
-----------	---------

Marie-Lite	In-Transit
------------	------------

PARLEg-Coconut	35
----------------	----

Parle-G	5
---------	---

Parle-G	In-Transit
---------	------------

ParleG-Coconut	140
----------------	-----

ParleG-Doubledip	23
------------------	----

ParleG-Pista	45
--------------	----

ParleG-Pista	Shipped
--------------	---------

Sunfeast	Pending
----------	---------

sqlite>

sqlite> select \* from parle\_prod union all select \* from prod\_delivery;

prod_name	prod_total
-----------	------------

-----	-----
-------	-------

PARLEg-Coconut	35
----------------	----

Parle-G	5
---------	---

ParleG-Coconut	140
----------------	-----

ParleG-Doubledip	23
------------------	----

ParleG-Pista	45
--------------	----

KrackJack	Shipped
-----------	---------

Sunfeast	Pending
----------	---------

Marie-Lite	In-Transit
------------	------------

ParleG-Pista	Shipped
--------------	---------

Parle-G	In-Transit
---------	------------

sqlite>

sqlite> select \* from parle\_prod union select \* from prod\_delivery union select prod\_name, prod\_price from product\_info;

prod_name	prod_total
-----------	------------

-----	-----
-------	-------

Butter-Bite 60  
 Choco-Chips 70  
 GoodDay 10  
 Hide-N-Seek 49  
 KrackJack 10  
 KrackJack Shipped  
 Marie-Lite 20  
 Marie-Lite In-Transit  
 Milano 59  
 Nutri-Choice 35  
 PARLEg-Coconut 35  
 Parle-G 5  
 Parle-G In-Transit  
 ParleG-Coconut 35  
 ParleG-Coconut 105  
 ParleG-Coconut 140  
 ParleG-Doubledip 23  
 ParleG-Pista 45  
 ParleG-Pista Shipped  
 Sunfeast 15  
 Sunfeast 122  
 Sunfeast Pending

sqlite>

sqlite> select \* from product\_info full outer join parle\_prod full outer join prod\_delivery;

prod\_id prod\_name prod\_price commodity\_num prod\_name prod\_total prod\_name  
 status

101	Parle-G	5	PARLEg-Coconut	35	KrackJack	Shipped
101	Parle-G	5	PARLEg-Coconut	35	Sunfeast	Pending
101	Parle-G	5	PARLEg-Coconut	35	Marie-Lite	In-Transit
101	Parle-G	5	PARLEg-Coconut	35	ParleG-Pista	Shipped

101	Parle-G	5	PARLEg-Coconut	35	Parle-G	In-Transit
101	Parle-G	5	Parle-G	5	KrackJack	Shipped
101	Parle-G	5	Parle-G	5	Sunfeast	Pending
101	Parle-G	5	Parle-G	5	Marie-Lite	In-Transit

\*\*\*\*\*

sqlite> select \* from product\_info full outer join parle\_prod full outer join prod\_delivery limit 10;

prod_id	prod_name	prod_price	commodity_num	prod_name	prod_total	prod_name	status
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101	Parle-G	5	PARLEg-Coconut	35	KrackJack	Shipped
101	Parle-G	5	PARLEg-Coconut	35	Sunfeast	Pending
101	Parle-G	5	PARLEg-Coconut	35	Marie-Lite	In-Transit
101	Parle-G	5	PARLEg-Coconut	35	ParleG-Pista	Shipped
101	Parle-G	5	PARLEg-Coconut	35	Parle-G	In-Transit
101	Parle-G	5	Parle-G	5	KrackJack	Shipped
101	Parle-G	5	Parle-G	5	Sunfeast	Pending
101	Parle-G	5	Parle-G	5	Marie-Lite	In-Transit
101	Parle-G	5	Parle-G	5	ParleG-Pista	Shipped
101	Parle-G	5	Parle-G	5	Parle-G	In-Transit

sqlite> select distinct product\_info.prod\_name from product\_info full outer join parle\_prod full outer join prod\_delivery limit 10;

prod\_name

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Parle-G

GoodDay

KrackJack

Sunfeast

Marie-Lite

Nutri-Choice

Hide-N-Seek

Milano

Butter-Bite

### UNIQUE, NOT NULL and PRIMARY KEY

sqlite>

sqlite> create table prcto1(supplied\_id int not null, item\_supplied text);

sqlite>

sqlite> create table prcto1(supplied\_id int unique, item\_supplied text);

sqlite>

sqlite> create table prcto1(supplied\_id int not null unique, item\_supplied text);

sqlite>

sqlite> create table prcto1(supplied\_id int primary key, item\_supplied text);

sqlite>

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