**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 commodity\_num**

**------- -------------- ---------- ------------- ------- ------------ ---------- -------------**

**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 commodity\_num**

**------- -------------- ---------- ------------- ------- ------------ ---------- -------------**

**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 commodity\_num**

**------- -------------- ---------- ------------- ------- ------------ ---------- -------------**

**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**

**------- --------- ---------- ------------- -------------- ---------- ------------ ----------**

**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**

**------------**

**Parle-G**

**GoodDay**

**KrackJack**

**Sunfeast**

**Marie-Lite**

**Nutri-Choice**

**Hide-N-Seek**

**Milano**

**Butter-Bite**

**Choco-Chips**

**UNIQUE, NOT NULL and PRIMARY KEY**

**sqlite>**

**sqlite> create table practo1(supplied\_id int not null, item\_supplied text);**

**sqlite>**

**sqlite> create table practo1(supplied\_id int unique, item\_supplied text);**

**sqlite>**

**sqlite> create table practo1(supplied\_id int not null unique, item\_supplied text);**

**sqlite>**

**sqlite> create table practo1(supplied\_id int primary key, item\_supplied text);**

**sqlite>**