```
mysql> use keys1;
Database changed
mysql> create table pri_key(col1 int not null primary key,col2 int not null unique,col char(20) not null);
Query OK, 0 rows affected (0.73 sec)
```

```
mysql> drop table emp1 ;
Query OK, 0 rows affected (0.35 sec)

mysql>
```

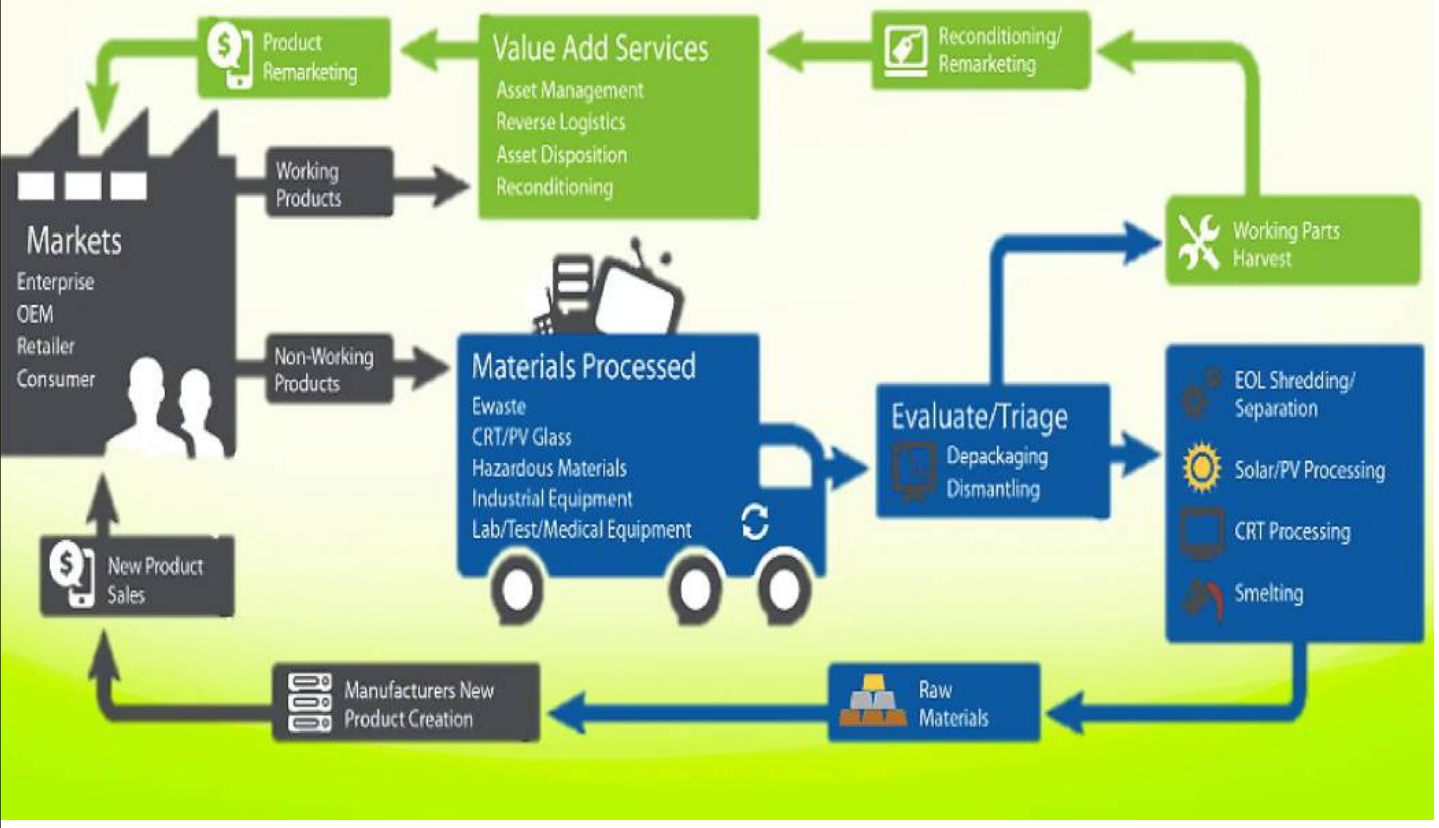
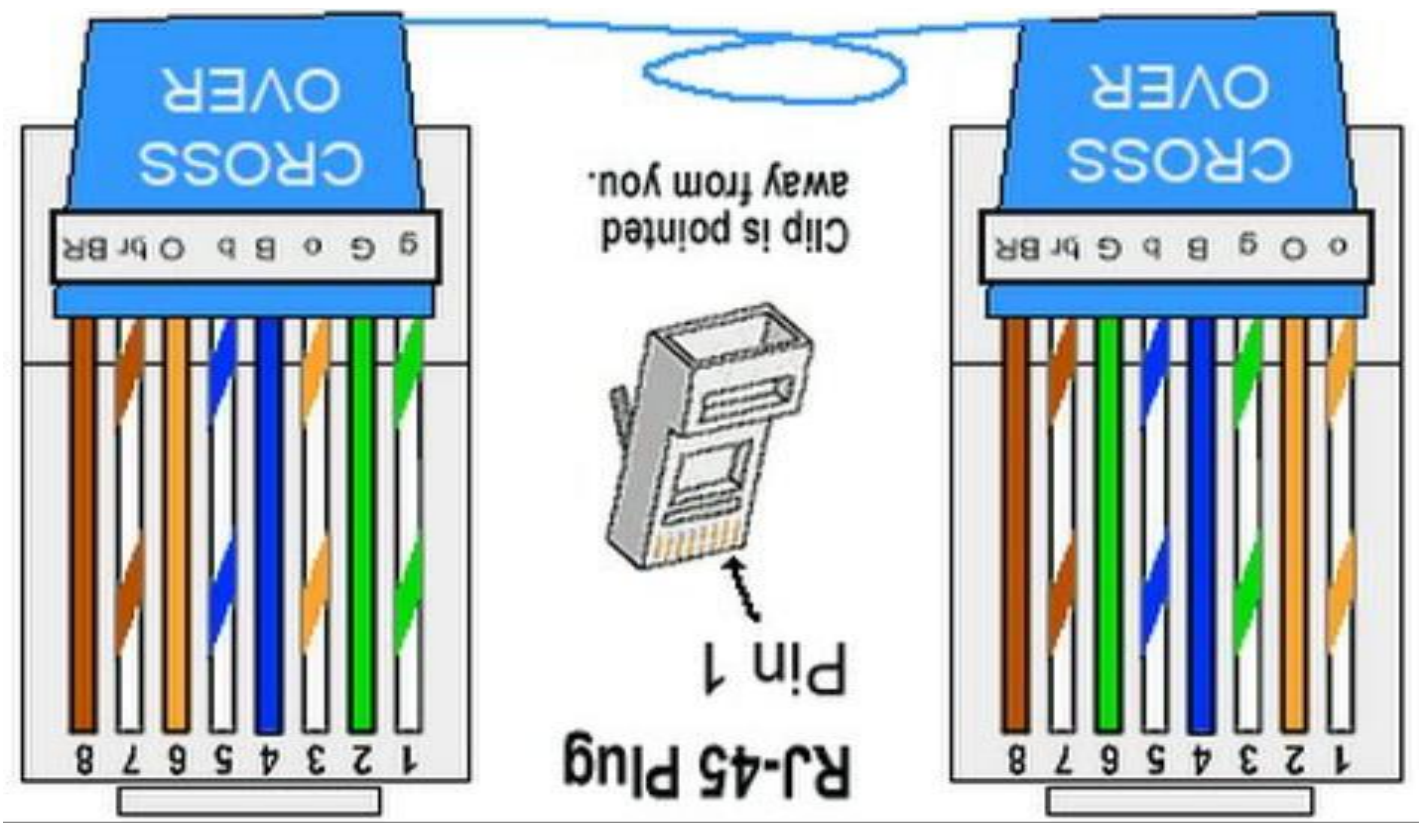
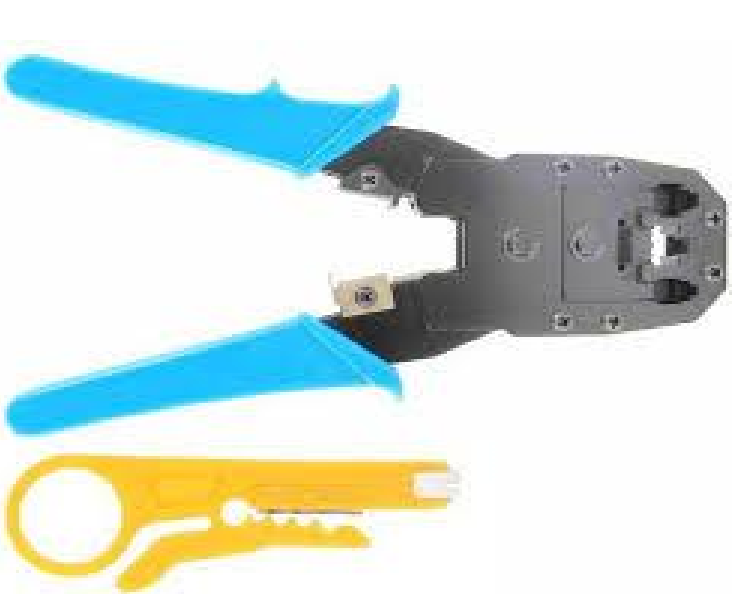
```
mysql> desc dep;
+-------+---------+------+-----+---------+-------+
| Field | Type    | Null | Key | Default | Extra |
+-------+---------+------+-----+---------+-------+
| d_id  | int(11) | NO   | PRI | NULL    |       |
| d_name| char(20)| NO   |     | NULL    |       |
| s_id  | int(11) | YES  | MUL | NULL    |       |
+-------+---------+------+-----+---------+-------+
3 rows in set (0.00 sec)

mysql>
```

```
mysql> alter table emp1 drop column age;
Query OK, 0 rows affected (1.48 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> select * from emp1;
+--------+----+--------+
| name   | id | salary |
+--------+----+--------+
| rommy  |  1 |  20000 |
| furlry |  2 | 220000 |
| srlry  |  3 | 120000 |
| babal  |  4 | 650000 |
| abhy   |  5 |  60000 |
| rocky  |  6 |  10000 |
| wwww   |  8 |  44443 |
+--------+----+--------+
7 rows in set (0.00 sec)

mysql>
```

```
+-------------+
| balance+200 |
+-------------+
|        1201 |
|        2211 |
|        4311 |
+-------------+
3 rows in set (0.00 sec)

mysql> select balance-200 from it where s_id<=3 ;
+-------------+
| balance-200 |
+-------------+
|         801 |
|        1811 |
|        3911 |
+-------------+
3 rows in set (0.00 sec)

mysql> select balance/200 from it where s_id<=3 ;
+-------------+
| balance/200 |
+-------------+
|      5.0050 |
|     10.0550 |
|     20.5550 |
+-------------+
3 rows in set (0.00 sec)

mysql> select balance*200 from it where s_id<=3 ;
+-------------+
| balance*200 |
+-------------+
|      200200 |
|      402200 |
|      822200 |
+-------------+
3 rows in set (0.00 sec)

mysql> select balance%200 from it where s_id<=3 ;
```

```
+-------------+
3 rows in set (0.00 sec)

mysql> select balance/200 from it where s_id<=3 ;
+-------------+
| balance/200 |
+-------------+
|      5.0050 |
|     10.0550 |
|     20.5550 |
+-------------+
3 rows in set (0.00 sec)

mysql> select balance*200 from it where s_id<=3 ;
+-------------+
| balance*200 |
+-------------+
|      200200 |
|      402200 |
|      822200 |
+-------------+
3 rows in set (0.00 sec)

mysql> select balance%200 from it where s_id<=3 ;
+-------------+
| balance%200 |
+-------------+
|           1 |
|          11 |
|         111 |
+-------------+
3 rows in set (0.02 sec)

mysql> select *, max(balance +100) as total from it;
```

```
mysql> select *, sum(balance +100) as total from it;
+------+---------+------------+---------+--------+-------+
| s_id | f_name  | l_name     | balance | branch | total |
+------+---------+------------+---------+--------+-------+
|    1 | saurabh | khandagale |    1001 | it     | 32146 |
+------+---------+------------+---------+--------+-------+
1 row in set (0.02 sec)

mysql> select *, avg(balance +100) as total from it;
+------+---------+------------+---------+--------+----------+
| s_id | f_name  | l_name     | balance | branch | total    |
+------+---------+------------+---------+--------+----------+
|    1 | saurabh | khandagale |    1001 | it     | 3214.6000 |
+------+---------+------------+---------+--------+----------+
1 row in set (0.00 sec)

mysql> select *, min(balance +100) as total from it;
+------+---------+------------+---------+--------+-------+
| s_id | f_name  | l_name     | balance | branch | total |
+------+---------+------------+---------+--------+-------+
|    1 | saurabh | khandagale |    1001 | it     |   199 |
+------+---------+------------+---------+--------+-------+
1 row in set (0.00 sec)

mysql> select *, max(balance +100) as total from it;
+------+---------+------------+---------+--------+-------+
| s_id | f_name  | l_name     | balance | branch | total |
+------+---------+------------+---------+--------+-------+
|    1 | saurabh | khandagale |    1001 | it     |  7223 |
+------+---------+------------+---------+--------+-------+
1 row in set (0.00 sec)

mysql> select *, count(balance) as count from it;
+------+---------+------------+---------+--------+-------+
| s_id | f_name  | l_name     | balance | branch | count |
+------+---------+------------+---------+--------+-------+
|    1 | saurabh | khandagale |    1001 | it     |    10 |
+------+---------+------------+---------+--------+-------+
1 row in set (0.00 sec)

mysql> select *, count(*) as count from it;
+------+---------+------------+---------+--------+-------+
| s_id | f_name  | l_name     | balance | branch | count |
+------+---------+------------+---------+--------+-------+
```

```
mysql> desc pri_key;
+-------+---------+------+-----+---------+-------+
| Field | Type    | Null | Key | Default | Extra |
+-------+---------+------+-----+---------+-------+
| col1  | int(11) | NO   | PRI | NULL    |       |
| col2  | int(11) | NO   | UNI | NULL    |       |
| col   | char(20)| NO   |     | NULL    |       |
+-------+---------+------+-----+---------+-------+
```

RECYCLING PROCESS