STRUCTURE OF TABLE:
```
mysql> desc employee;
+-------+-------------+
| Field | Type        |
+-------+-------------+
| empno | int         |
| ename | varchar(20) |
| sal   | float       |
| depno | int         |
| job   | varchar(20) |
+-------+-------------+

mysql> desc temp;
+-------+----------+
| Field | Type     |
+-------+----------+
| fir   | int      |
| sec   | char(10) |
+-------+----------+

mysql> select * from employee;
+-------+--------+------+-------+------+
| empno | ename  | sal  | depno | job  |
+-------+--------+------+-------+------+
|     1 | Arun   | 8000 |     1 | M    |
|     2 | Ali    | 7000 |     1 | C    |
|     3 | Kirun  | 3000 |     1 | C    |
|     4 | Thomas | 8000 |     2 | C    |
|     5 | Jack   | 5000 |     2 | M    |
+-------+--------+------+-------+------+

select * from temp;
+------+--------+
| fir  | sec    |
+------+--------+
|      |        |
+------+--------+


mysql> delimiter //
mysql> create procedure new1()
    -> begin
    -> declare a int;
    -> declare b char(15);
    -> declare c int;
    -> declare d int;
    -> declare e char(5);
    -> declare x int default 1;
    -> declare C1 cursor for select * from employee;
    -> open C1;
    -> while x<6 do
    -> fetch C1 into a,b,c,d,e;
    -> insert into temp values(a,b);
    -> set x=x+1;
    -> end while;
    -> close C1;
    -> end;//
Query OK, 0 rows affected (0.44 sec)

mysql> delimiter ;
mysql> call new1();
Query OK, 1 row affected (0.40 sec)
```

```
mysql> select * from temp;
+------+--------+
| fir  | sec    |
+------+--------+
|    1 | Arun   |
|    2 | Ali    |
|    3 | Kirun  |
|    4 | Thomas |
|    5 | Jack   |
+------+--------+


*****************************************

          TO FETCH ONLY 3 ROWS/RECORDS FOM TABLE

DELETE FROM TEMP; //Delete all rows  from temp
 C1=>
+-------+--------+
| empno | ename  |
+-------+--------+
|     1 | Arun   |
|     2 | Ali    |
|     3 | Kirun  |
|     4 | Thomas |
|     5 | Jack   |
+-------+--------|

mysql> delimiter //
mysql> create procedure new1()
    -> begin
    -> declare a int;
    -> declare b char(15);
    -> declare x int default 1;
    -> declare C1 cursor for select empno,ename from employee;
    -> open C1;
    -> while x<4 do
    -> fetch C1 into a,b;
    -> insert into temp values(a,b);
    -> set x=x+1;
    -> end while;
    -> close C1;
    -> end;//
Query OK, 0 rows affected (0.20 sec)

mysql> delimiter ;
mysql> call new1();
Query OK, 1 row affected (0.24 sec)

mysql> select * from temp;
+------+--------+
| fir  | sec    |
+------+--------+
|    1 | Arun   |
|    2 | Ali    |
|    3 | Kirun  |
+------+--------+

*************************************************************************
*********
                    if we try to accees more rows that no of cursor rows
=>error

count(*) :: used here
```

```
mysql> delimiter //
mysql> create procedure new2()
    -> begin
    -> declare a int;
    -> declare b char(15);
    -> declare x int default 1;
    -> declare y int;
    -> declare C1 cursor for select empno,ename from employee;
    -> select count(*) into y from employee;
    -> open C1;
    -> while x<y do
    -> fetch C1 into a,b;
    -> insert into temp values(a,b);
    -> set x=x+1;
    -> end while;
    -> close C1;
    -> end;//

mysql> delimiter ;
mysql> call new2();

mysql> select * from temp;
+------+--------+
| fir  | sec    |
+------+--------+
|    1 | Arun   |
|    2 | Ali    |
|    3 | Kirun  |
|    4 | Thomas |
+------+--------+
```