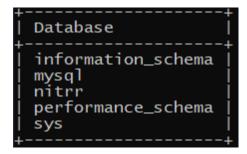
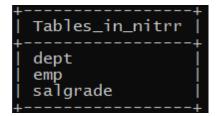
mysql> show databases;



mysql> use nitrr;

Database changed

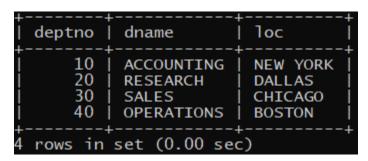
mysql> show tables;



mysql> select *from emp;

7369 SMITH CLERK 7902 1980-12-17 800.00 NULL 7499 ALLEN SALESMAN 7698 1981-02-20 1600.00 300.00 7521 WARD SALESMAN 7698 1981-02-22 1250.00 500.00 7566 JONES MANAGER 7839 1981-04-02 2975.00 NULL 7654 MARTIN SALESMAN 7698 1981-09-28 1250.00 1400.00 7698 BLAKE MANAGER 7839 1981-05-01 2850.00 NULL 7782 CLARK MANAGER 7839 1981-06-09 2450.00 NULL 7788 SCOTT ANALYST 7566 1987-07-13 3000.00 NULL	empno	+ ename	job	 mgr	hiredate	sal	comm	deptno
7839 KING PRESIDENT NULL 1981-11-17 5000.00 NULL 7844 TURNER SALESMAN 7698 1981-09-08 1500.00 0.00 7876 ADAMS CLERK 7788 1987-07-13 1100.00 NULL 7900 JAMES CLERK 7698 1981-12-03 950.00 NULL 7902 FORD ANALYST 7566 1981-12-03 3000.00 NULL 7934 MILLER CLERK 7782 1982-01-23 1300.00 NULL	7499 7521 7566 7654 7698 7782 7788 7839 7844 7876 7900 7902	ALLEN WARD JONES MARTIN BLAKE CLARK SCOTT KING TURNER ADAMS JAMES FORD	SALESMAN SALESMAN MANAGER SALESMAN MANAGER MANAGER ANALYST PRESIDENT SALESMAN CLERK CLERK ANALYST	7698 7698 7839 7698 7839 7839 7566 NULL 7698 7788 7698	1981-02-20 1981-02-22 1981-04-02 1981-09-28 1981-05-01 1981-06-09 1987-07-13 1981-11-17 1981-09-08 1987-07-13 1981-12-03 1981-12-03	1600.00 1250.00 2975.00 1250.00 2850.00 2450.00 3000.00 5000.00 1500.00 1100.00 950.00 3000.00	300.00 500.00 NULL 1400.00 NULL NULL NULL NULL NULL NULL NULL NU	20 30 30 20 30 10 20 10 30 20 20

mysql> select *from dept;



mysql> select *from salgrade;

+ grade	 losal	 hisal	
1 2 3 4	700 1201 1401 2001 3001	1200 1400 2000 3000	
+ 5 rows in	n set (0.	.00 sec)	

mysql> describe dept;

+ Field	Type	+ Null	 Key	Default	+ Extra
	int(2) varchar(14) varchar(13)		PRI	NULL NULL NULL	
+3 3 rows in	set (0.26 sec)	+)	++		+

mysql> describe emp;

+ Field	+ Type	+ Null	Key	Default	+ Extra
empno ename job mgr hiredate sal comm deptno	int(4) varchar(10) varchar(9) int(4) date float(7,2) float(7,2)	NO YES YES YES YES YES YES YES	PRI	NULL NULL NULL NULL NULL NULL NULL NULL	
8 rows in set (0.00 sec)					

mysql> describe salgrade;

mysql> select*from emp where sal between 1000 and 3000;

mysql> select ename,sal from emp;

ename 	sal
SMITH	800.00 i
ALLEN	1600.00 i
WARD	1250.00 j
JONES	2975.00
MARTIN	1250.00
BLAKE	2850.00
CLARK	2450.00
SCOTT	3000.00
KING	5000.00
TURNER	1500.00
ADAMS	1100.00
JAMES	950.00
FORD	3000.00
MILLER	1300.00
+	+
14 rows ir	n set (0.00 sec)

mysql> select ename, sal from emp order by ename;

	
ename	sal
ADAMS	1100.00
İ ALLEN İ	1600.00 i
BLAKE	2850.00
CLARK	2450.00
FORD	3000.00 i
JAMES I	950.00 i
JONES	2975.00 i
İ KING İ	5000.00 i
MARTIN	1250.00
MILLER	1300.00
i scott i	3000.00
SMITH	800.00
TURNER	1500.00
WARD	1250.00
++	+
14 rows in	set (0.01 sec)

mysql> select ename,deptno from emp where deptno = 10 or 30;

+ ename	deptno
SMITH	20
ALLEN	30
WARD	30
JONES	20
MARTIN	30
BLAKE	30
CLARK	10
SCOTT	20
KING	10
TURNER	30
ADAMS	20
JAMES	30
FORD	20
MILLER	10
+ 14 rows ir	

mysql> select ename from emp where ename like "S%";

```
+----+
| ename |
+----+
| SMITH |
| SCOTT |
+----+
2 rows in set (0.01 sec)
```

mysql> select ename from emp where ename like "_____";

```
+----+
| ename |
+-----+
| WARD |
| KING |
| FORD |
+-----+
3 rows in set (0.00 sec)
```

mysql> select ename from emp where ename like "%L";

```
Empty set (0.00 sec)
```

mysql> select ename from emp where mgr is not null;

```
+-----+
| ename |
+-----+
| SMITH |
| ALLEN |
| WARD |
| JONES |
| MARTIN |
| BLAKE |
| CLARK |
| SCOTT |
| TURNER |
| ADAMS |
| JAMES |
| FORD |
| MILLER |
+-----+
13 rows in set (0.00 sec)
```

mysql> select ename from emp where mgr is null;

```
+-----+
| ename |
+-----+
| KING |
+-----+
1 row in set (0.00 sec)
```

mysql> select sal+COALESCE(comm,0) as "total salary " from emp;

++ total salary
++
i 800.00 i
1900.00
1750.00
2975.00
j 2650.00 j
j 2850.00 j
2450.00
3000.00
5000.00
1500.00
1100.00
950.00
3000.00
1300.00
++
14 rows in set (0.00 sec)

mysql> select ename,sal*12 as"annual salary" from emp;

	
ename	annual salary
SMITH	9600.00
ALLEN	19200.00
WARD	15000.00
JONES	35700.00
MARTIN	15000.00
BLAKE	34200.00
CLARK	29400.00
SCOTT	36000.00
KING	60000.00
TURNER	18000.00
ADAMS	13200.00
JAMES	11400.00
FORD	36000.00
MILLER	15600.00
++	+
14 rows in	set (0.00 sec)

mysql> select ename from emp where year(hiredate)="1991";

Empty set (0.00 sec)

mysql> select concat(ename," HAS HELD THE POSITION OF ",job," IN DEPATRMENT ",deptno," SINCE ",hiredate," AND EARNS ",sal) from emp;

```
Concat(ename," HAS HELD THE POSITION OF ",job," IN DEPATRMENT ",deptno," SINCE ",hiredate," AND EARNS ",sal) |

| SMITH HAS HELD THE POSITION OF CLERK IN DEPATRMENT 20 SINCE 1980-12-17 AND EARNS 800.00 |
| ALLEN HAS HELD THE POSITION OF SALESMAN IN DEPATRMENT 30 SINCE 1981-02-20 AND EARNS 1250.00 |
| JONES HAS HELD THE POSITION OF MANAGER IN DEPATRMENT 30 SINCE 1981-04-02 AND EARNS 1250.00 |
| MARTIN HAS HELD THE POSITION OF SALESMAN IN DEPATRMENT 20 SINCE 1981-04-02 AND EARNS 2975.00 |
| MARTIN HAS HELD THE POSITION OF SALESMAN IN DEPATRMENT 30 SINCE 1981-09-28 AND EARNS 2150.00 |
| BLAKE HAS HELD THE POSITION OF MANAGER IN DEPATRMENT 30 SINCE 1981-06-09 AND EARNS 2850.00 |
| CLARK HAS HELD THE POSITION OF MANAGER IN DEPATRMENT 10 SINCE 1981-06-09 AND EARNS 2450.00 |
| SCOTT HAS HELD THE POSITION OF ANALYST IN DEPATRMENT 20 SINCE 1981-11-17 AND EARNS 3000.00 |
| KING HAS HELD THE POSITION OF PRESIDENT IN DEPATRMENT 10 SINCE 1981-11-17 AND EARNS 5000.00 |
| TURNER HAS HELD THE POSITION OF SALESMAN IN DEPATRMENT 30 SINCE 1981-109-08 AND EARNS 1500.00 |
| ADAMS HAS HELD THE POSITION OF CLERK IN DEPATRMENT 20 SINCE 1987-07-13 AND EARNS 5000.00 |
| JAMES HAS HELD THE POSITION OF CLERK IN DEPATRMENT 20 SINCE 1981-12-03 AND EARNS 1500.00 |
| FORD HAS HELD THE POSITION OF CLERK IN DEPATRMENT 20 SINCE 1981-12-03 AND EARNS 3000.00 |
| FORD HAS HELD THE POSITION OF CLERK IN DEPATRMENT 30 SINCE 1981-12-03 AND EARNS 3000.00 |
| MILLER HAS HELD THE POSITION OF CLERK IN DEPATRMENT 10 SINCE 1981-12-03 AND EARNS 1300.00 |
| MILLER HAS HELD THE POSITION OF CLERK IN DEPATRMENT 10 SINCE 1982-01-23 AND EARNS 1300.00 |
| MILLER HAS HELD THE POSITION OF CLERK IN DEPATRMENT 10 SINCE 1982-01-23 AND EARNS 1300.00 |
| MILLER HAS HELD THE POSITION OF CLERK IN DEPATRMENT 10 SINCE 1982-01-23 AND EARNS 1300.00 |
| MILLER HAS HELD THE POSITION OF CLERK IN DEPATRMENT 10 SINCE 1982-01-23 AND EARNS 1300.00 |
```

mysql> select distinct(job) from emp;

mysql> select 12*(sal+100) from emp;