

BASIC COMMAND COMPARISONS

ORACLE	MYSQL
SELECT TNAME FROM TAB;	SHOW TABLES;
DESC INV_ITEM	DESC INV_ITEM; SHOW COLUMNS FROM INV_ITEM
Select name from v\$database	Select database()
DATA IS CASE SENSITIVE	DATA IS NOT CASE SENSITIVE
HEADING DEFAULT IS UPPER	HEADING DEPENDS UPON QUERY
DUAL TABLE IS REQUIRED	NOT REQUIRED
LICENCED SOURCE	OPEN SOURCE

BASIC COMMAND COMPARISONS

ORACLE	mysql
<pre>SQL> select concat('ram','lakhan','hanuman') 2 from dual; select concat('ram','lakhan','hanuman') *</pre> <p>ERROR at line 1: ORA-00909: invalid number of arguments</p>	<pre>mysql> select concat('ram','lakhan','hanuman'); concat ----- ramlakhanhanuman</pre>
<pre>SQL> select instr('HELLO WORLD','L',1,2) "3rd L position" from dual; 3rd L position ----- 10</pre>	<pre>mysql> select instr('HELLO WORLD','l') "l position" l position ----- 4</pre>
<pre>Sql>select to_char(current_date,'month') from dual</pre>	<pre>mysql> Select date_format (current_date,'%M')</pre>
<pre>Sql>select SYSDATE from dual; SYSDATE ----- 06-SEP-2019</pre>	<pre>mysql> select sysdate(); sysdate() ----- 2019-09-06 20:49:33</pre>
<pre>Select add_months(current_date,1); Select add_months(current_date,-1)</pre>	<pre>Select date_add(current_date,interval '1' month),date_sub(current_date,interval '1' month)</pre>

BASIC COMMAND COMPARISONS

ORACLE	mysql
Sql> select job from emp where deptno=10 Minus Select job from emp where deptno=20	Mysql> select job from emp where deptno=10 minus Select job from emp where deptno=20 Error:
Sql>define v1=5000 Select * from emp where sal=&v1;	Sql>set @v1=5000 select * from emp where sal=@v1
Sql>select max(count(*)) from emp group by deptno	Mysql> select max(count(*)) from emp group by deptno; ERROR 1111 (HY000): Invalid use of group function
select max(b.ram) from (select count(*) ram from emp group by deptno) b	select max(b.ram) from (select count(*) ram from emp group by deptno) b
SQL>SELECT * FROM EMP WHERE DEPTNO=&DEPTNO	Not available
SQL>SELECT ENAME ' ' S JOB IS ' ' JOB FROM EMP;	Select concat(ename,'\s job is ',job) from emp
SELECT SAL FROM EMP ORDER BY SAL DESC FETCH FIRST 3 ROWS ONLY	select sal from emp order by sal desc limit 3;

BASIC COMMAND COMPARISONS

ORACLE	mysql
Sql>insert into viv1 values(1,'virat'); insert into viv1 values(2,'rohith'); insert into viv1 values(3,'rahul');	Mysql> Insert into viv1 values (1,'virat'),(2,'rohith'),(3,'rahul');
Sql>alter table test_new modify order_date timestamp	mysql> alter table order_new change order_date type timestamp;
Sql>create table t3(c1 varchar2(20))	Mysql>create table t3(c1 varchar(20))
Sql>rename table t1 to t11 alter table t1 rename to t11	Mysql>alter table t1 rename to t11
SQL>SELECT NVL(NULL,100) FROM DUAL; NVL(NULL,100) ----- 100	mysql> select IFNULL(null,100); +-----+ IFNULL(null,100) +-----+ 100 +-----+

Mysql vs mariadb

mysql

```
mysql> select * from world1 where  
c1=2
```

```
-> intersect
```

```
-> select * from worldcricket  
where c1=2;  
ERROR 1064 (42000): You have an  
error in your SQL syntax; check the  
manual that corresponds to your  
MySQL server version for the right  
syntax to use near 'intersect  
select * from worldcricket where  
c1=2' at line 2
```

```
mysql> create table vote(name  
varchar(25),age int check (age>=18));  
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> insert into vote  
values('ram',16);  
Query OK, 1 row affected (0.00 sec)
```

mariadb

```
mysql>  
select * from worldcup where c1=2  
-> intersect  
-> select * from world1 where c1=2;
```

```
+-----+-----+  
| c1  | c2      |  
+-----+-----+  
|  2  | westindies |  
+-----+-----+  
1 row in set (0.001 sec)
```

```
mysql> create table vote(name varchar(25),age  
int check (age>=18));  
Query OK, 0 rows affected (0.015 sec)
```

```
mysql> insert into vote values('ram',16);  
ERROR 4025 (23000): CONSTRAINT `vote.age`  
failed for `test`.`vote`
```