|  |  |  |
| --- | --- | --- |
| 1 | Select unique job from EMP table. | |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) DISTINCT Job FROM `emp`; | |
| Output |  | |
| 2 | List the details of the emps in asc order of the Dptnos and desc of Jobs? | |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` ORDER BY Deptno ASC, Job DESC; | |
| Output |  | |
| 3 | | Display all the unique job groups in the descending order? | |
| Query | | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) DISTINCT job FROM emp ORDER BY Job DESC; | |
| Output | |  | |

|  |  |
| --- | --- |
| 4 | List the emps who joined before 1981. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Hiredate <('1981-01-01'); |
| Output |  |
| 5 | List the Empno, Ename, Sal, Daily sal of all emps in the asc order of Annsal. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) Empno, Ename,Sal,sal/30,12\*sal annsal FROM `emp` ORDER BY annsal ASC; |
| Output |  |
| 6 | List the Empno, Ename, Sal, Exp of all emps working for Mgr 7369. |
| Query | SELECT Empno, Ename,Sal, sysdate(), Hiredate Exp(sysdate(),Hiredate)/365 FROM emp WHERE Mgr=7369 |
| Output | Nothing |

|  |  |
| --- | --- |
| 7 | Display all the details of the emps who’s Comm. Is more than their Sal? |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Comm>Sal; |
| Output |  |
| 8 | List the emps who are either ‘CLERK’ or ‘ANALYST’ in the Desc order. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE job='CLERK' [OR](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_or) Job='ANALYST' ORDER BY Job DESC; |
| Output |  |
| 9 | List the emps Who Annual sal ranging from 22000 and 45000. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Sal\*12 BETWEEN 22000 [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) 45000; |
| Output |  |
| 10 | List the Enames those are starting with ‘S’ and with five characters. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) Ename FROM `emp` WHERE Ename [LIKE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like) 'S%' [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) length(Ename)=5; |
| Output |  |
| 11 | List the emps whose Empno not starting with digit78. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Empno [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) [LIKE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like) '78%'; |
| Output |  |
| 12 | List all the Clerks of Deptno 20. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Job='CLERK' [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) Deptno=20; |
| Output |  |
| 13 | List the Emps who are senior to their own MGRS. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` w,emp m WHERE w.mgr=m.Empno [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) w.Hiredate>m.Hiredate; |
| Output |  |
| 14 | List the Emps of Deptno 20 who’s Jobs are same as Deptno10. |
| Query | [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* from `emp` e ,`dept\_table` d where d.deptno = 20 [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) e.deptno = d.deptno [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) e.job [in](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in) ( [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) e.job from `emp` e,`dept\_table` d where e.deptno = d.deptno [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) d.deptno =10); |
| Output |  |
| 15 | List the Emps who’s Sal is same as FORD or SMITH in desc order of Sal. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Sal [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in)([SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) Sal FROM emp WHERE(Ename='SMITH' [OR](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_or) Ename='FORD')) ORDER BY Sal DESC; |
| Output |  |
| 16 | List the emps whose jobs same as SMITH or ALLEN. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Job [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in)([SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) Job FROM emp WHERE(Ename='SMITH' [OR](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_or) Ename='ALLEN')); |
| Output |  |
| 17 | Any jobs of deptno 10 those that are not found in deptno 20. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) e.Job FROM emp e WHERE e.Deptno=10 [AND](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_and) e.Job [NOT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/logical-operators.html%23operator_not) [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in)([SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) Job FROM emp WHERE Deptno=20); |
| Output |  |
| 18 | Find the highest sal of EMP table. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Sal [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in)([SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [MAX](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_max)(Sal) FROM emp); |
| Output |  |
| 19 | Find the total sal given to the MGR. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [SUM](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_sum)(Sal) FROM `emp` WHERE Empno [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in)([SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) Mgr FROM emp); |
| Output |  |
| 20 | List the emps whose names contains 'A'. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Ename [LIKE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/string-comparison-functions.html%23operator_like) '%A%'; |
| Output |  |
| 21 | Find all the emps who earn the minimum Salary for each job wise in ascending order. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE Sal [IN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/comparison-operators.html%23function_in)( [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) [MIN](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/aggregate-functions.html%23function_min)(sal) FROM emp GROUP BY Job); |
| Output |  |
| 22 | List the emps whose sal greater than Blake’s sal. |
| Query | [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM `emp` WHERE sal>([SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) sal FROM emp WHERE Ename='BLAKE'); |
| Output |  |
| 23 |  |
| Query |  |
| Output |  |
| 24 |  |
| Query |  |
| Output |  |
| 25 |  |
| Query |  |
| Output |  |
| 26 |  |
| Query |  |
| Output |  |
| 27 |  |
| Query |  |
| Output |  |