**MYSQL- EMPLOYEE AND JOB**

select \* from employee;

+------------+----------------+--------+-------+

| employeeid | name | sales | jobid |

+------------+----------------+--------+-------+

| E1 | Sumit Singh | 110000 | 102 |

| E2 | Vijay Singh | 130000 | 101 |

| E3 | Ajay Rajpal | 140000 | 103 |

| E4 | Mohit Raamnami | 125000 | 102 |

| E5 | Shajila Singh | 145000 | 103 |

+------------+----------------+--------+-------+

select \* from job;

+-------+------------------+--------+

| jobid | job\_title | salary |

+-------+------------------+--------+

| 101 | President | 200000 |

| 102 | Vice President | 125000 |

| 103 | Admin Assistant | 80000 |

| 104 | Accounts Manager | 70000 |

+-------+------------------+--------+

**QUESTION**:

1. **Display the employee ids, name of employees, job ids with corresponding job titles**

select employeeid, name, employee.jobid, job\_title from employee join job on employee.jobid = job.jobid;

+------------+----------------+-------+-----------------+

| employeeid | name | jobid | job\_title |

+------------+----------------+-------+-----------------+

| E1 | Sumit Singh | 102 | Vice President |

| E2 | Vijay Singh | 101 | President |

| E3 | Ajay Rajpal | 103 | Admin Assistant |

| E4 | Mohit Raamnami | 102 | Vice President |

| E5 | Shajila Singh | 103 | Admin Assistant |

+------------+----------------+-------+-----------------+

1. **Display names of employees, sales and corresponding job titles who have achieved sales more than 13000**

select name, sales, job\_title from employee join job on employee.jobid = job.jobid where sales>13000;

+----------------+--------+-----------------+

| name | sales | job\_title |

+----------------+--------+-----------------+

| Sumit Singh | 110000 | Vice President |

| Vijay Singh | 130000 | President |

| Ajay Rajpal | 140000 | Admin Assistant |

| Mohit Raamnami | 125000 | Vice President |

| Shajila Singh | 145000 | Admin Assistant |

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1. **Display names and job titles of those employees who have Singh anywhere in their name**

select name, job\_title from employee join job on employee.jobid = job.jobid where name like '%Singh';

+---------------+-----------------+

| name | job\_title |

+---------------+-----------------+

| Sumit Singh | Vice President |

| Vijay Singh | President |

| Shajila Singh | Admin Assistant |

+---------------+-----------------+

1. **Display the average sales job wise**

select avg(sales) from employee natural join job group by job\_title;

+-------------+

| avg(sales) |

+-------------+

| 142500.0000 |

| 130000.0000 |

| 117500.0000 |

+-------------+

1. **Change the jobid of employee E4 to 104**

update employee set jobid = '104' where employeeid = 'E4';

Query OK, 1 row affected (0.03 sec)

Rows matched: 1 Changed: 1 Warnings: 0