**1. Find duty allocation details for emp-no 101 for the month of April 2003:**

SQL

SELECT \*

FROM Duty\_allocation

WHERE emp\_no = 101

AND DATE\_FORMAT(day, '%Y-%m') = '2003-04';

**2. Find the shift details of employee "Bhushan":**

SQL

SELECT e.emp\_no, e.skill, e.pay\_rate, d.shift

FROM Employee e

INNER JOIN Duty\_allocation d ON e.emp\_no = d.emp\_no

WHERE e.emp\_no IN (

SELECT emp\_no FROM Employee WHERE skill = 'Bhushan'

);

**3. Find employees whose rate of pay is more than or equal to the rate of pay of employee "AHIRE":**

SQL

SELECT \*

FROM Employee

WHERE pay\_rate >= (

SELECT pay\_rate FROM Employee WHERE skill = 'AHIRE'

);

**4. Find the names and pay rates of employees with emp-no less than 1000 whose pay-rate is more than the rate of pay of at least one employee with emp-no greater than or equal to 1000:**

SQL

SELECT e1.emp\_no, e1.skill, e1.pay\_rate

FROM Employee e1

WHERE e1.emp\_no < 1000

AND e1.pay\_rate > (

SELECT MAX(e2.pay\_rate)

FROM Employee e2

WHERE e2.emp\_no >= 1000

);

**5. Find the employees with the lowest pay-rate:**

SQL

SELECT \*

FROM Employee

WHERE pay\_rate = (

SELECT MIN(pay\_rate) FROM Employee

);