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//i. Get duty allocation details for e\_no 123 for the first shift in the month of April 2003

SELECT e\_no, e\_name, post, pay\_rate, month, year, shift

FROM Empl

JOIN Duty\_alloc ON Empl.e\_no = Duty\_alloc.e\_no

WHERE e\_no = 123 AND month = 'April' AND year = 2003 AND shift = 1;

//ii. Get the employees whose rate of pay is > or equal rate of pay of employees 'Sachin'.

SELECT e\_name, pay\_rate

FROM Empl

WHERE pay\_rate >= (SELECT pay\_rate FROM Empl WHERE e\_name = 'Sachin');

//iii. Create a view for displaying minimum, maximum and average salary for all the posts.

CREATE VIEW post\_salary\_summary AS

SELECT post, MIN(pay\_rate) AS min\_salary, MAX(pay\_rate) AS max\_salary, AVG(pay\_rate) AS avg\_salary

FROM Empl

GROUP BY post;

//iv. Get count of different employees on each shift having post ‘manager’.

SELECT shift, COUNT(DISTINCT e\_no) AS manager\_count

FROM Duty\_alloc

JOIN Empl ON Duty\_alloc.e\_no = Empl.e\_no

WHERE post = 'manager'

GROUP BY shift;