1.

a.

SELECT firstName, lastName, deptID, deptName

FROM employee

JOIN hr

ON employee.id = hr.employee\_id;

b.

SELECT firstName

FROM employee

WHERE firstName LIKE ‘A%’;

2.

a.

SELECT firstName, lastName, deptName, city

FROM employee

JOIN hr

ON employee.id = hr.id

AND (employee.city = ‘Atlanta’ OR employee.city = ‘New York’ OR employee.city = ‘Orlando);

b.

SELECT COUNT( employee.id) AS numberOfEmployees

FROM employee

GROUP BY city;

3.

a.

SELECT firstName, salary, deptID

FROM employee

JOIN hr

ON employee.id = hr.id

ORDER BY salary DESC

LIMIT 5;

b.

SELECT firstName, MAX(salary), deptID

FROM employee

JOIN hr

ON employee.id = hr.id

WHERE employee.salary = Max(salary)

GROUP BY deptName;