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Q1.
Part 1
select name from class where room = 'R128' or
  name in (select cname from enrolled group by cname having count(snum) >= 5);
Part 2
select fname from faculty
join class on class.fid = faculty.fid
join enrolled on class.name_ = enrolled.cname
group by fname having count(snum) < 5;
select age, count(level) from student group by age;
Q2 declare
empname employee.FIRST_NAME%TYPE;
emplname employee.LAST_NAME%TYPE;
-- CURSOR c1 is select FIRST_NAME,LAST_NAME from employee;
delete from employee where employee_id=2;
if (sql%FOUND) then
  dbms_output.put_line('Deleted');
  dbms_output.put_line('Not found');
end if;
end;
Q3.
CREATE TABLE DEPARTMENTS(
  department_id INTEGER,
  department_name VARCHAR2(25),
  manager_id INTEGER,
  location_id INTEGER
);
CREATE TABLE EMPLOYEES(
  employee_id INTEGER,
  first_name VARCHAR2(25),
  last_name VARCHAR2(25),
  salary INTEGER,
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manager id INTEGER.
  department id INTEGER
);
-- Insert random data into tables
INSERT INTO DEPARTMENTS VALUES(1, 'ECE', 1, 1);
INSERT INTO DEPARTMENTS VALUES(2, 'IT', 2, 2);
INSERT INTO DEPARTMENTS VALUES(3, 'MBA', 3, 3);
INSERT INTO DEPARTMENTS VALUES(4, 'BIOTECH',4, 4);
DECLARE
  max sal INTEGER;
  dep_name VARCHAR2(25);
  emp_name VARCHAR2(25);
BEGIN
  FOR max sal, dep name IN (SELECT MAX(salary), department name FROM EMPLOYEES,
DEPARTMENTS WHERE EMPLOYEES.department id = DEPARTMENTS.department id GROUP
BY department name) LOOP
    SELECT first_name INTO emp_name FROM EMPLOYEES WHERE salary = max sal;
    DBMS_OUTPUT.PUT_LINE('Department Name: ' || dep_name || ' Costliest Employee: ' ||
emp_name);
  END LOOP:
END;
  dep_name departments.department_name%type;
      firstn employee.first_name%type;
      cursor c1 is (select department name, first name
    from departments, employee
    where salary=(select max(salary) from employee group by department_id ));
begin
  open c1;
if c1%ISOPEN then
  dbms output.put line('Name of Department
                                              First Name'):
      dbms_output.put_line('_
                                                                   ');
  loop
    fetch c1 into dep_name,firstn;
    exit when c1%NOTFOUND:
      dbms_output.put_line(dep_name || ' ' || firstn);
      end loop;
close c1;
end if;
end;
```