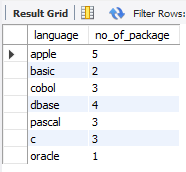
# QUERIES - II

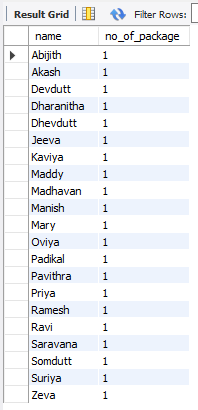
1. Display THE NUMBER OF packages developed in EACH language.

select dev\_in language,count(title) no\_of\_package from software group by dev\_in;



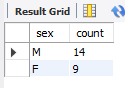
1. Display THE NUMBER OF packages developed by EACH person.

select name,count(title) no\_of\_package from software group by name;



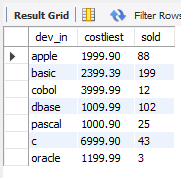
1. Display THE NUMBER OF male and female programmer.

select sex,count(name) from programmer group by sex;



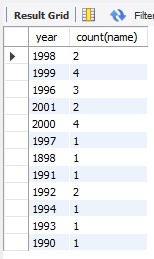
1. Display THE COSTLIEST packages and HIGEST selling developed in EACH language.

select dev\_in,max(scost) costliest,max(sold) sold from software group by dev\_in;



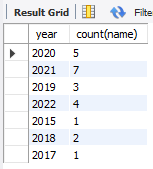
1. Display THE NUMBER OF people BORN in EACH YEAR.

select year(dob) as year,count(name) from programmer group by year(dob);



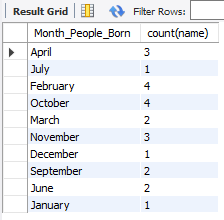
1. Display THE NUMBER OF people JOINED in EACH YEAR.

select year(doj) as year,count(name) from programmer group by year(doj);



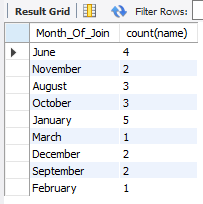
1. Display THE NUMBER OF people BORN in EACH MONTH.

select monthname(dob) as Month\_People\_Born ,count(name) from programmer group by month(dob);



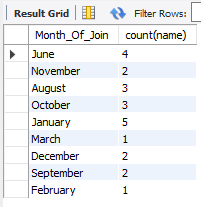
1. Display THE NUMBER OF people JOINED in EACH MONTH.

select monthname(doj) as Month\_Of\_Join,count(name) from programmer group by month(doj);



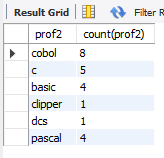
1. Display the language wise COUNTS of prof1.

select prof1, count(prof1) from programmer group by prof1;



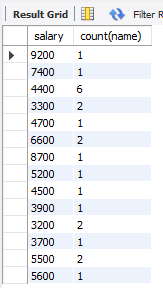
1. Display the language wise COUNTS of prof2.

select prof2, count(prof2) from programmer group by prof2;



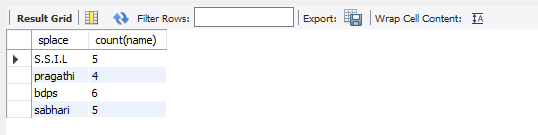
1. Display THE NUMBER OF people in EACH salary group.

select salary,count(name) from programmer group by salary;



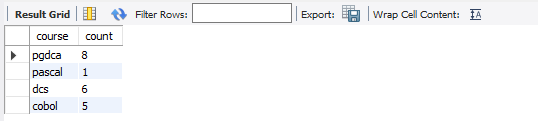
1. Display THE NUMBER OF people who studied in EACH institute.

select splace,count(name) from studies group by splace;



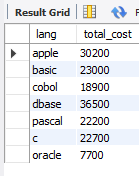
1. Display THE NUMBER OF people who studied in EACH course.

select course ,count(name) count from studies group by course;



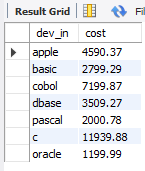
1. Display the TOTAL development COST of the packages developed in EACH language.

select dev\_in lang,sum(dcost) total\_cost from software group by dev\_in;



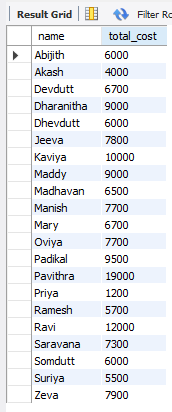
1. Display the selling cost of the package developed in EACH language.

select dev\_in ,sum(scost) cost from software group by dev\_in;



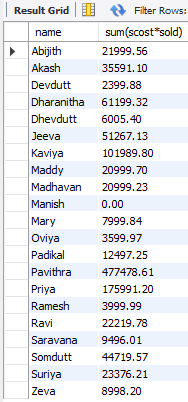
1. Display the cost of the package developed by EACH programmer.

select name,sum(dcost) as total\_cost from software group by name;



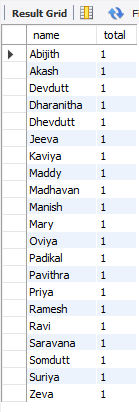
1. Display the sales values of the package developed in EACH programmer.

select name, sum(scost\*sold) from software group by name;



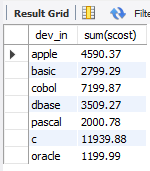
1. Display the NUMBER of packages developed by EACH programmer.

select name,count(title) as total\_pack from software group by name;



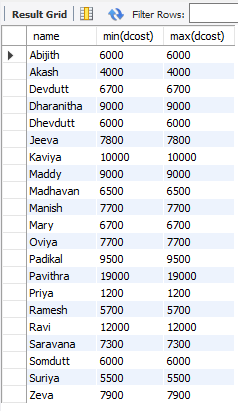
1. Display the sales COST of packages developed by EACH programmer language wise.

select dev\_in, sum(scost) from software group by dev\_in;



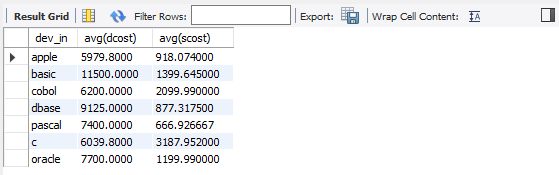
20) Display EACH programmers name, costliest package and cheapest packages developed by Him/Her.

select name,min(dcost),max(dcost) from software group by name;



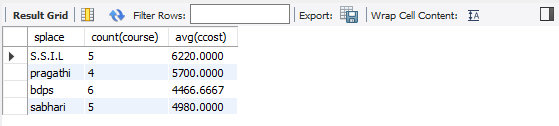
1. Display EACH language name with AVERAGE development cost, AVERAGE cost, selling cost and AVERAGE price per copy.

select dev\_in,avg(dcost),avg(scost),avg(scost) from software group by dev\_in;



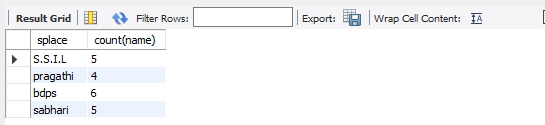
1. Display EACH institute name with NUMBER of courses, AVERAGE cost per course.

select splace,count(course), avg(ccost) from studies group by splace;



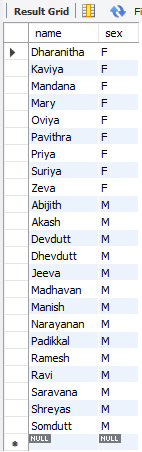
1. Display EACH institute name with NUMBER of students.

select splace,count(name) from studies group by splace;



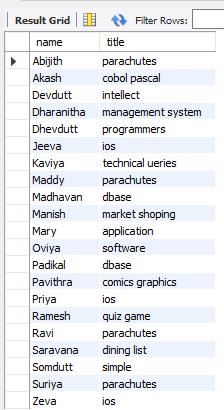
1. Display names of male and female programmers.

select name,sex from programmer order by sex;



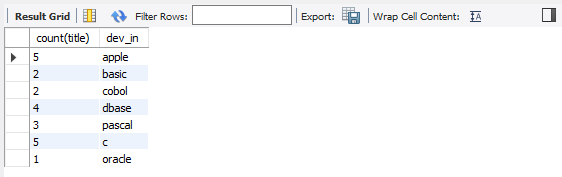
1. Display the programmer's name and their packages.

select name,title from software order by name;



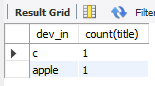
1. Display the NUMBER of packages in EACH language.

select dev\_in ,count(title) from software group by dev\_in;



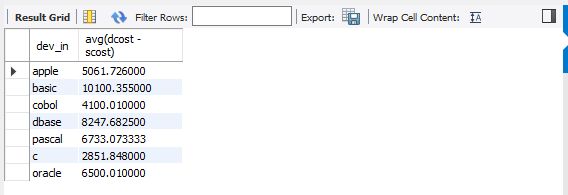
1. Display the NUMBER of packages in EACH language for which development cost is less than 1000.

select count(title),dev\_in from software where dcost<1000 group by dev\_in;



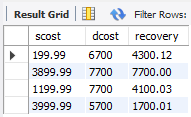
1. Display the AVERAGE difference BETWEEN scost and dcost for EACH language.

select dev\_in,avg(dcost - scost) from software group by dev\_in;



29) Display the TOTAL scost, dcsot and amount TOBE recovered for EACH programmer for whose dcost HAS NOT YET BEEN recovered.

select sum(scost) scost, sum(dcost) dcost, sum(dcost-(sold\*scost)) recovery from software group by name having sum(dcost)> sum(sold\*scost);



30) Display highest, lowest and average salaries for THOSE earning MORE than 2000.

select max(salary) high, min(salary) low, round(avg(salary),2) avg from programmer where salary > 2000;

