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UID: 22MCC20039   Subject Code: 22CAP647

1. <u>Aim of Practical:</u>

1. Query an alphabetically ordered list of all names in Occupations, immediately followed by the first letter of each profession as a parenthecal.

2. Query the number of occurrences of each occupation in table. Sor the occurrences in asc ordr, and output them in the following format:

Column	Type
Name	String
Occupation	String

2. <u>Code for table:</u>

create table Occupations (Name varchar(20), Occupation varchar(20));

insert into Occupations values("Rishav", "Student"), ("Lucky", "Professor"), ("Jesy", "Actor"), ("Shika", "Model"), ("Amar", "Student"), ("Rishant", "Actor"), ("Sushil", "Professor"), ("Aresh", "Student"), ("Athalar", "Singer");

3. Query :

a)

Select Occupations. Name, SUBSTR(Occupation, 1,1) As Occupation from occupations
Order by Name asc;

b)

Select " There are total of " Name, COUNT(*) as 'count', Occupation From Occupations

Group By Occupation

4. Output :

Table :

Name	Occupation
Rishav	Student
Lucky	Professor
Jesu	Actor
Shika	Model
Amar	Student
Rishant	Actor
Sushil	Professor
Anees h	Student
Athasav	Singer

A.)

Name	Occupation
Amar	S
Aneesh	S
Athasav	S
Jesu	A
Lucky	P
Rishant	A
Rishav	S
Shika	M
Sushil	P

B)

Name	Count	Occupation
There are total of	2	Actor
There are total of	1	Model
There are total of	2	Professor
There are total of	1	Singer
There are total of	3	Student