

VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI CAMPUS
BCSE302P -MID TERM TEST LAB QUESTION
L55+L56 SLOTS/ 17-02-2023

Table Name:- Employee

Empid	EmpName	Department	ContactNo	EmailId	EmpHeadId
101	Isha	E-101	1234567890	isha@gmail.com	105
102	Priya	E-104	1234567890	priya@yahoo.com	103
103	Neha	E-101	1234567890	neha@gmail.com	101
104	Rahul	E-102	1234567890	rahul@yahoo.com	105
105	Abhishek	E-101	1234567890	abhishek@gmail.com	102

Schema:-

```
create table employee(empid int primary key,empname varchar(100), department  
varchar(50),contactno bigint, emaildid varchar(100), empheadid int)
```

Table :- EmpDept

DeptId	DeptName	Dept_off	DeptHead
E-101	HR	Monday	105
E-102	Development	Tuesday	101
E-103	Hous Keeping	Saturday	103
E-104	Sales	Sunday	104
E-105	Purchase	Tuesday	104

Schema:-

```
create table empdept(deptid varchar(50) primary key,deptname varchar(100),  
dept_off varchar(100), depthead int foreign key references employee(empid))
```

Table :- EmpSalary

EmpId	Salary	IsPermanent
101	2000	Yes
102	10000	Yes
103	5000	No
104	1900	Yes
105	2300	Yes

Schema:-

```
create table empsalary(empid int foreign key references employee(empid), salary  
bigint, ispermanent varchar(3))
```

Table :- EmpProject

EmpId	ProjectId	ClientID	StartYear	EndYear
101	p-1	CI-1	2010	2010
102	p-2	CI-2	2010	2012
103	p-1	CI-3	2011	
104	p-4	CI-1	2011	2011
105	p-4	CI-5	2015	2015

Schema:-

```
create table empproject(empid int foreign key references employee(empid),  
projectid varchar(50) foreign key references project(projectid), clientid  
varchar(50) foreign key references clienttable(clientid),startyear int, endyear  
int)
```

1. Select the detail of the employee whose name start with R.
2. How many permanent candidate take salary more than 2000.
3. Select the detail of employee whose emailId is in gmail.
4. Select the details of the employee who work either for department E-101 or E-103.
5. What is the department name for DeptID E-102?
6. What is total salary that is paid to permanent employees?
7. List name of all employees whose name ends with k.
8. List the number of department of employees in each project.
9. How many project started in year 2010 and 2011.
10. How many project started and finished in the same year.
11. select the name of the employee whose name's 3rd charactor is 'h'.