**DBMS ASSIGNMENT- 6**

* **JOINS**
* Department\_Head

CREATE VIEW Department\_Head AS

SELECT \* FROM Owner

INNER JOIN Department

ON Owner.AadharNo = Department.Head\_AadharNo;

* Department\_Programmes\_Details

CREATE VIEW Department\_Programmes\_Details AS

SELECT Department.Department\_Name,Department\_Programmes.ProgramNo,Department\_Programmes.ProgramDescription

FROM Department

INNER JOIN Department\_Programmes

ON Department.DepartmentId=Department\_Programmes.DepartmentId;

* Rent\_Not\_Paid

SELECT Pay\_Rent.PaymentNo,Tenant.AadharNo,Tenant.Name,Pay\_Rent.Owner\_AadharNo,Pay\_Rent.Due\_Date,Pay\_Rent.Amount FROM Tenant

INNER JOIN Pay\_Rent

ON Tenant.AadharNo=Pay\_Rent.Tenant\_AadharNo AND SYSDATE>Pay\_Rent.Due\_Date AND Pay\_Rent.PayDate = NULL;

* SELECT TENANT.AADHARNO,TENANT.NAME,TENANT.EMAIL,PAY\_RENT.AMOUNT,PAY\_RENT.DUE\_DATE

FROM TENANT

INNER JOIN PAY\_RENT

ON TENANT.AADHAR\_NO=PAY\_RENT.TENANT\_AADHARNO;

Returns all the Pay\_Rent records having the Tenant Details joined with it.

* LIKE OPERATOR

SELECT FlatNo,Owner\_AadharNo

FROM Flat

WHERE FlatNo LIKE 'G%';

Returns all the flats in G Building.

* IN & JOIN OPERATOR

SELECT Y.AadharNo,Y.Name,Y.Email,Role\_Worker.Role FROM Role\_Worker

INNER JOIN (SELECT T.AadharNo,T.Name,T.Email,Workers.RoleId FROM Workers

INNER JOIN(Select AadharNo,Name,Email FROM Employee WHERE AadharNo IN (SELECT AadharNo FROM Workers)) T

ON T.AadharNo=Workers.AadharNo) Y

ON Y.RoleId=Role\_Worker.RoleId;

Returns all the Workers Details.

* BETWEEN OPERATOR

SELECT \* FROM Maintainance\_Bill

WHERE Due\_Date BETWEEN '01-APR-2016' AND SYSDATE;