**Practical 2**

**CREATE DATABASE**

create database pract2;

**USE DATABASE**

use pract2;

**CREATE TABLE**

create table emp(emp\_id int,emp\_name varchar(20),emp\_join\_date date, primary key(emp\_id));

desc emp;

create table emp\_fin(pay\_id int auto\_increment,emp\_id int,emp\_salary int,emp\_contract date,foreign key(emp\_id)references emp(emp\_id),primary key (pay\_id));

desc emp\_fin;

**INSERT INTO TABLES**

insert into emp values(1,'ABC','2022-09-15');

insert into emp values(2,'DEF','2022-10-02');

insert into emp values(3,'GHI','2022-06-20');

select \* from emp;

insert into emp\_fin values(1,1,20000,'2023-01-24');

insert into emp\_fin values(null,3,40000,'2024-05-10');

select \* from emp\_fin;

**CREATE VIEW**

create view EmpDetails

as

select e.emp\_id,e.emp\_name,f.emp\_salary

from emp as e inner join emp\_fin as f

where e.emp\_id = f.emp\_id;

select \* from EmpDetails;

**ALTER TABLE (for INDEX)**

alter table emp\_fin add index salary (emp\_salary);

**SYNONYM**

call sys.create\_synonym\_db('pract2',’ass2’);

**USE THE SYNONYM**

show databases;

Use ass2;

Show tables;

select \* from emp;

select \* from emp\_fin;