**MySQL Programs(Cursors and Handlers)**

* Write a Procedure that displays names and salaries of all Analysts recorded in the “emp” table by making use of a cursor.

DELIMITER $$

create procedure ppm1 ()

begin

-- declare eno int;

declare emname varchar(40);

declare SAL1 int;

declare finished int default 0;

declare cu\_3 cursor for select ename, sal from emp where job='salesman';

DECLARE CONTINUE HANDLER FOR NOT FOUND SET finished = 1;

open cu\_3;

getana:loop

fetch cu\_3 into emname,sal1;

IF finished = 1 THEN

LEAVE getana;

END IF;

select concat(emname, sal1);

end loop getana;

close cu\_3;

end$$

call ppm1();

* Write a Procedure to display top 5 employees based on highest salary and display employee number, employee name and salary using Cursor.

delimiter $$

create procedure shubh5()

begin

declare en varchar(20);

declare sa int;

declare fin int default 0;

declare ab\_1 cursor for select ename, sal from emp order by sal desc limit 5;

declare continue handler for not found set fin=1;

open ab\_1;

aaa : loop

fetch ab\_1 into en, sa;

if (fin=1) then

leave aaa;

end if;

select concat(en,sa);

end loop aaa;

close ab\_1;

end$$

call shubh5();

* Write a procedure to display the concatenated first\_name and last\_name from “emp” table using cursors handle the errors with Exit handler

delimiter $$

create procedure ppr1()

begin

declare mi varchar(20);

declare mx varchar(20);

declare fin int default 0;

declare shubh11 cursor for select max(ename), min(ename) from emp;

declare continue handler for not found set fin =1;

open shubh11;

bbb: loop

fetch shubh11 into mi, mx;

if(fin=1) then

leave bbb;

end if;

select concat(mi," ",mx);

end loop bbb;

close shubh11;

end$$

* Write a procedure which select all the data from employee table and display the data of employee where employee name is ‘Manish’ using cursors.
* Write a procedure which select delete the data from employee table if emp sal is less than 10000 using cursor and handle the Sqlexception with continue handler