

USE students information;

DESC COMPUTER_DEPARTMENT;

-- 1. Create procedure show data with input and output parameters it will show the result of query it will take department no is a in employees working in a department.

-- delimiter &&

-- create procedure abc(IN A INT)

-- BEGIN

-- SELECT * from employees where Department_no = A;

-- END &&

-- call abc(1);

-- 2. Create procedure area with in/out parameter it will take radius from user and display area of circle.

delimiter &&

create procedure xyz(INOUT r int)

begin

set @ans = pi() * r * r ;

-- declare pi FLOAT default 3.14;

-- set @a = 2;

-- select @a * pi * @r;

end&&

-- drop procedure xyz;

set @r = 1;

call xyz(@r);

select @ans;

-- 3. Create procedure update emp salary with two parameter it will take emp-id from user and increase the salary with passed amount.

select * from emp;

delimiter &&

create procedure pqr(in a int,in b int)

begin

update emp set sal= a where empno = b;

select empno,sal from emp = b;

end&&

set @a = 5002;

set @b = 7844;

call pqr(@a,@b);

-- Assignment 2 on procedure

-- Question 1

-- delimiter &&

-- create procedure eno(in usr int)

-- begin

-- if usr%2=0 then

-- select "Even Number";

-- else

-- select "Odd Number";

-- end if;

-- end &&

-- call eno(111);

delimiter &&

create procedure while_loop()

begin

declare num int default 1;

declare a int default 3;

declare b int default 0;

declare res varchar(50) default "";

while num <=10 do

set b = num * a;

set res = concat(res,',',b);

set num = num + 1;

end while;

select res;

end &&

drop procedure while_loop;

call while_loop();