create database assignment6;

use assignment6;

-- 1. Write function that accepts a positive number from a user and displays its factorial on the screen.

delimiter $$

create function fact(var int) returns int

begin

declare sum1 int;

set sum1=1;

while var > 1 do

set sum1=sum1\*var;

set var=var-1;

end while;

return sum1;

end $$

select fact(4);

-- 4. Write a function to update salary of the employees of specified dept by 10%. Take dept no as parameter.

create table employee

(

emp\_id int(5) not null,

emp\_name varchar(50),

dept\_id int(5),

salery int(10)

);

INSERT INTO EMPLOYEE VALUES (1,'Arun',1,8000);

INSERT INTO EMPLOYEE VALUES (2,'Kiran',1,7000);

INSERT INTO EMPLOYEE VALUES (3,'Scott',1,3000);

INSERT INTO EMPLOYEE VALUES (4,'Max',2,9000);

INSERT INTO EMPLOYEE VALUES (5,'Jack',2,8000);

INSERT INTO EMPLOYEE VALUES (6,'King',3,6000);

select \* from employee;

update employee set emp\_name = 'kiran' where emp\_name = 'Kiran';

select emp\_name as Employee\_Name from employee

where emp\_name REGEXP '([:upper:])';

delimiter $$

create function dept\_inc(var int) returns int

begin

set var1='Updates Done!';

update employee set salery=salery + (salery\*0.10) where dept\_id = var;

return var1;

end $$

select dep\_inc(1);

DELIMITER $$

CREATE FUNCTION QUES0004(VAL INTEGER) RETURNS INTEGER

BEGIN

UPDATE employee SET salery = salery + (salery\*0.10) WHERE emp\_id = var;

RETURN 0;

END $$

SELECT QUES0004(1);

select \* from employee;