**Practical 6**

create database newdb;

use newdb;

create table areas(radius int(5),area decimal(5,2));

delimiter //

create procedure calcArea(IN rad1 int, rad2 int)

begin

declare pi decimal(5,2);

declare radius int;

declare area decimal(5,2);

declare exit\_condition boolean;

set radius = rad1;

set pi = 3.14;

l1: loop

set area = pi\*(radius\*radius);

insert into areas value(radius,area);

if (radius < rad2) then

set radius= radius + 1;

elseif (radius >= rad2) then

leave l1;

end if;

end loop l1;

end

//

call calcArea(5,9);

select \* from areas;

//