use sakila;

alter table film\_category add FilmCat\_rating int;

drop procedure if exists catRating;

delimiter $$

create procedure catRating()

begin

declare catID int;

declare catName varchar(25);

declare num int;

declare cnt int;

declare catRate int;

declare prevnum int;

declare myCursor cursor for select c.category\_id, count(rental\_id) as num\_rentals, FilmCat\_rating from film\_category fc

inner join category c on fc.category\_id = c.category\_id

inner join inventory i on fc.film\_id = i.film\_id

inner join rental r on i.inventory\_id = r.inventory\_id

group by c.name

order by 2 desc;

open myCursor;

set num = 0;

set sql\_safe\_updates = 0;

myLoop:loop

fetch myCursor into catID, cnt, catRate;

if (cnt = prevnum) then

set catRate = num;

update film\_category set FilmCat\_rating = catRate where category\_id = catID;

else

set num = num+1;

set catRate = num;

update film\_category set FilmCat\_rating = catRate where category\_id = catID;

set prevnum = cnt;

end if;

end loop;

close myCursor;

set sql\_safe\_updates = 1;

end $$

delimiter ;

call catRating();

select \* from film\_category

order by FilmCat\_rating asc;

Graphical user interface, text, application, email

Description automatically generated