1. Return the categories (names) of the longest film. NOTE that there may be several "longest"

films (i.e. with the same length), so you might need to return more than one category. Return

the duration as well.

Ans:

SET @length\_max=(select max(length) from film);

select title, length, rental\_duration

from film where length=@length\_max;

RESULT:

title length rental\_duration

CONTROL ANTHEM 185 7

DARN FORRESTER 185 7

HOME PITY 185 7

MUSCLE BRIGHT 185 7

POND SEATTLE 185 7

SOLDIERS EVOLUTION 185 7

CHICAGO NORTH 185 6

GANGS PRIDE 185 4

WORST BANGER 185 4

SWEET BROTHERHOOD 185 3

2. Find the movies whose total number of actors is above the average. Return the movie names

and its number of actors ordered by the title. IMPORTANT NOTE: this query should return many

movies. Please write in your submission only the first TOP-10 results.

Ans:

create view num\_actors\_in\_eachfilm as

select film\_id,count(1) as cnt

from film\_actor

group by film\_id

having count(film\_id)>1;

SET @avg\_num\_actors=(select avg (cnt) from num\_actors\_in\_eachfilm);

select title,cnt

from film f

join num\_actors\_in\_eachfilm nu

on nu.film\_id = f.film\_id

where cnt > @avg\_num\_actors

order by cnt desc;

RESULT:

writing only top 10 results

title cnt

LAMBS CINCINATTI 15

BOONDOCK BALLROOM 13

DRACULA CRYSTAL 13

RANDOM GO 13

MUMMY CREATURES 13

CRAZY HOME 13

CHITTY LOCK 13

HELLFIGHTERS SIERRA 12

ARABIA DOGMA 12

SKY MIRACLE 12