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BDA

Batch 31

Practical 8

DBMS

23162121021

Question:

Actor Table

1. Create a view to store all information of the actors whose name starts with ‘A’ and

last name contains ‘A’. Verify whether the view is created or not by displaying all

the data from view.

2. Create a view which displays the actor table in the descending order of their last

name

3. Delete the above created view

Language Table

4. Create a view to display language id, name and last update

5. Insert following record with name and last update in the view, also verify

whether it has been inserted in base table or not

(‘Hindi’, ‘2013-07-05 ‘12:23:05’)

6. Update the language of the newly inserted record to ‘Spanish’ and verify whether

it has been updated in the base table or not

7. Delete the record of Spanish Language and verify whether it has been deleted

from the base table or not

8. Create a view which stores language id, name and last update for those records

which are last updated on ‘2006-02-15 05:02:19’ with check option

9. Insert a new record with language Hindi and last update as ‘2020-07-13

10:00:19’ and verify whether it has been inserted or not

10.Insert a new record with language Hindi and last update as ‘2006-02-15

05:02:19’ and verify whether it has been inserted or not

11.Update the newly inserted record with last update as ‘2020-07-13 10:00:19’ and

verify whether it has been updated or not

Code:

use sakila;

set SQL\_SAFE\_UPDATES = 0;

create view actors\_a as

select \* from actor

where first\_name like 'a%' and last\_name like '%a%';

select \* from actors\_a;

create view actors\_desc as

select \* from actor

order by last\_name desc;

select \* from actors\_desc;

drop view actors\_a;

drop view actors\_desc;

create view lang\_view as

select language\_id, name, last\_update

from language;

select \* from lang\_view;

insert into lang\_view (name, last\_update)

values ('hindi', '2013-07-05 12:23:05');

select \* from lang\_view;

select \* from language;

update lang\_view

set name = 'spanish'

where name = 'hindi';

select \* from lang\_view;

select \* from language;

delete from lang\_view

where name = 'spanish';

select \* from lang\_view;

select \* from language;

create view lang\_check as

select language\_id, name, last\_update

from language

where last\_update = '2006-02-15 05:02:19'

with check option;

insert into lang\_check (name, last\_update)

values ('hindi', '2020-07-13 10:00:19');

insert into lang\_check (name, last\_update)

values ('hindi', '2006-02-15 05:02:19');

select \* from lang\_check;

select \* from language;

update lang\_check

set last\_update = '2020-07-13 10:00:19'

where name = 'hindi';

select \* from lang\_check;

select \* from language;

Output:

