Institute of Computer Technology

B. Tech. Computer Science and Engineering

Semester: III

Sub: Database Management System

Course Code: 2CSE301

Practical Number:8

Objective:

Actor Table

Queries:

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.**

   Code :

   ```
   CREATE VIEW actor_name AS SELECT `first_name` FROM actor WHERE `first_name` LIKE"A%";
   ```

   Output :

first_name
ALEC
AUDREY
ANNE
ANGELA
ADAM
ANGELINA
ALBERT
ADAM
ANGELA
ALBERT
AL
ALAN
AUDREY

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

   Code :

   ```
   CREATE VIEW actor2 AS SELECT * FROM actor ORDER BY actor.last_name DESC;
   ```

   Output :

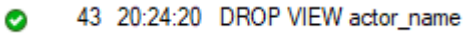
actor_id	first_name	last_name	last_update
85	MINNIE	ZELLWEGER	2006-02-15 04:34:33
111	CAMERON	ZELLWEGER	2006-02-15 04:34:33
186	JULIA	ZELLWEGER	2006-02-15 04:34:33
63	CAMERON	WRAY	2006-02-15 04:34:33
13	UMA	WOOD	2006-02-15 04:34:33
156	FAY	WOOD	2006-02-15 04:34:33
144	ANGELA	WITHERSPOON	2006-02-15 04:34:33
68	RIP	WINSLET	2006-02-15 04:34:33
147	FAY	WINSLET	2006-02-15 04:34:33
168	WILL	WILSON	2006-02-15 04:34:33
83	BEN	WILLIS	2006-02-15 04:34:33
96	GENE	WILLIS	2006-02-15 04:34:33

3. **Delete the above created view.**

Code :

```
DROP VIEW actor_name;
```

Output :



Objective:

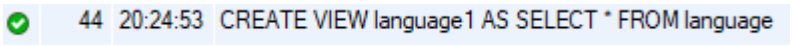
Actor Table

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

Code :

```
CREATE VIEW language1 AS SELECT * FROM language;
```

Output :

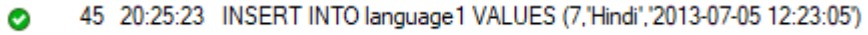


5. **Insert following record with name and last update in the view, also verify whether it has been inserted in base table or not (‘Hindi’, ‘2013-07-05 ‘12:23:05’).**

Code :

```
INSERT INTO language1 VALUES (7,'Hindi','2013-07-05 12:23:05');
```

Output :

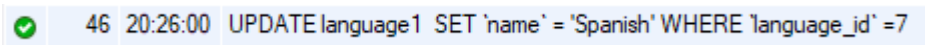


6. **Update the language of the newly inserted record to ‘Spanish’ and verify whether it has been updated in the base table or not.**

Code :

```
UPDATE language1  SET `name` = 'Spanish' WHERE `language_id` =7;
```

Output :

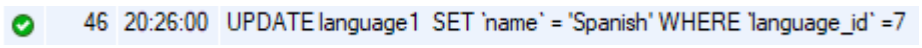


7. **Delete the record of Spanish Language and verify whether it has been deleted from the base table or not.**

Code :

```
DELETE FROM language1 WHERE `language_id`=7;
```

Output :

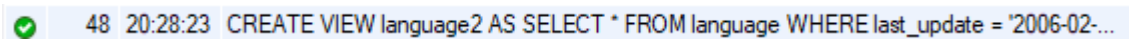


8. **Create a view which stores language id, name and last update for those records which are last updated on ‘2006-02-15 05:02:19’ with check option.**

Code :

```
CREATE VIEW language2 AS SELECT * FROM language WHERE
last_update = '2006-02-15 05:02:19';
```

Output :

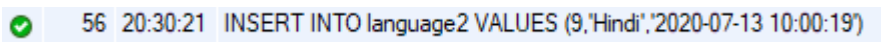


9. **Insert a new record with language Hindi and last update as ‘2020-07-13 10:00:19’ and verify whether it has been inserted or not.**

Code :

```
INSERT INTO language2 VALUES (9,'Hindi','2020-07-13 10:00:19');
```

Output :

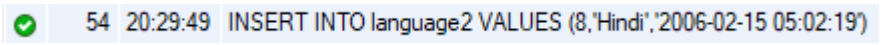


10. **Insert a new record with language Hindi and last update as ‘2006-02-15 05:02:19’ and verify whether it has been inserted or not?**

Code :

```
INSERT INTO language2 VALUES (8,'Hindi','2006-02-15 05:02:19');
```

Output :



11. **Update the newly inserted record with last update as ‘2020-07-13 10:00:19’ andverify whether it has been updated or not?**

Code :

```
UPDATE language2 SET last_update = '2020-07-13 10:00:19' WHERE
`language_id`=8;
```

Output :