

Adding Information to the Database

```
INSERT INTO actors(fname,lname,dob,dod,state,city) VALUES  
([fname],[lname],[dob],[dod],[state],[city])
```

```
INSERT INTO studios(name,hq,founded) VALUES ([name],[hq],[founding date])
```

```
INSERT INTO films(title,released,budget,genre,rating,globe,oscar,studio_id) VALUES ([title],  
[release date], [budget], [genre],[rating],[globe win],[oscar win],[studio id])
```

```
INSERT INTO characters (fname, lname, globe_win, oscar_win, actor_id, film_id) VALUES  
([fname], [lname], [globe win], [oscar win],[actor id],[film id])
```

```
INSERT INTO have (actor_id, film_id) VALUES ([actor id], [film id])
```

Displaying information from the database

```
SELECT fname, lname FROM actors WHERE state = [state]
```

```
SELECT f.title, f.released, f.genre, f.rating FROM films f  
INNER JOIN have h ON h.film_id = f.film_id  
INNER JOIN actors act ON act.actor_id = h.actor_id  
WHERE act.actor_id = [actor id] ORDER BY f.title ASC
```

```
SELECT a.fname, a.lname FROM actors a  
INNER JOIN have h ON h.actor_id= a.actor_id  
INNER JOIN films f ON f.film_id = h.film_id  
WHERE f.film_id = [movie id] ORDER BY a.actor_id ASC
```

```
SELECT act.fname, act.lname FROM actors act  
WHERE act.actor_id NOT IN (SELECT act1.actor_id FROM actors act1  
INNER JOIN have h ON h.actor_id = act1.actor_id  
INNER JOIN films f ON f.film_id = h.film_id AND f.genre = [movie genre])  
ORDER BY act.fname ASC
```

```
SELECT act.fname, act.lname, f.title FROM actors act  
INNER JOIN characters chara ON chara.actor_id = act.actor_id  
INNER JOIN films f ON f.film_id = chara.film_id  
INNER JOIN studios stu ON stu.studio_id = f.studio_id  
WHERE chara.oscar_win = 1 AND chara.globe_win = 0 and stu.studio_id = [studio id]  
ORDER BY act.fname ASC
```

```
SELECT a.fname, a.lname FROM actors a  
INNER JOIN characters c ON c.actor_id=a.actor_id  
WHERE c.char_id = [character id] ORDER BY a.actor_id ASC
```

```
SELECT fname, lname FROM characters WHERE oscar_win = [1 or 0]
```

```
SELECT fname, lname FROM characters WHERE globe_win = [1 or 0]
```

Update and Delete Data from the table

```
UPDATE films Set genre = ? WHERE film_id = [film id]
```

```
DELETE FROM actors WHERE actor_id = [actor id]
```