

# 6\_4 LAB

Time: 2 Hours

## Note on this lab: About the GO Keyword:

When you create a view, the CREATE VIEW has to be the only SQL command executed. You will get an error after writing another SQL query after your first CREATE VIEW statement. To avoid this error, add the keyword GO after each SQL command. Adding the keyword GO after a command ensures it the only command executed by SQL Server. Commands written after GO will be executed 'separately' by SQL, and the error is avoided.

```
Msg 111, Level 15, State 1, Line 4
'CREATE VIEW' must be the first statement in a query batch.
```

1. Create a query to find the top 10 selling r-rated films. Make sure to sort the query DESC. After perfecting the query, save the query as a view called top\_selling\_rRated\_films

Test the view by selecting it.

	title	rating	Rental Sales
1	massacre usual	R	179.70
2	velvet terminator	R	177.74
3	closer bang	R	172.72
4	american circus	R	167.78
5	working microcosmos	R	163.75
6	boogie amelie	R	163.70
7	titanic boondock	R	154.77
8	stagecoach amageddon	R	154.74
9	head stranger	R	152.78
10	streetcar intentions	R	148.75

2. Alter the view to add the column 'length' to the view. Test the view by selecting it.

3. Create a query to find the top 25 actors with the most rental sales and save the results as a view called best\_selling\_actors. Test the view by selecting it.

4. Create a view that counts the total number of drama films each actor has appeared in. To limit the results to only dramas, you'll need to join to the CATEGORY table. Call the view actor\_dramas

	first_name	last_name	Total Drama
1	CHRIS	BRIDGES	27
2	RIVER	DEAN	31
3	GINA	DEGENERES	42
4	ALAN	DREYFUSS	27
5	ED	GUINNESS	29
6	MAE	HOFFMAN	28

	first_name	last_name	Rental Sales
1	SUSAN	DAVIS	3537.75
2	GINA	DEGENERES	3416.54
3	MATTHEW	CARREY	2739.20
4	MARY	KEITEL	2670.29
5	SCARLETT	DAMON	2655.28
6	ANGELA	WITHERSPOON	2608.47
7	WALTER	TORN	2607.64
8	CHRISTIAN	AKROYD	2596.52
9	HENRY	BERRY	2587.90

5. This query will be similar to the best selling actors query. Write a query that shows the total number of movie rentals grouped by actor. In this query, you'll be counting the rentals. After writing the query, save it as rentals\_by\_actor.

	first_name	last_name	Total Views
1	CHRISTIAN	AKROYD	549
2	DEBBIE	AKROYD	369
3	KIRSTEN	AKROYD	466
4	CUBA	ALLEN	379
5	KIM	ALLEN	483
6	MERYL	ALLEN	380



6. Write a query that counts the total number of rentals by film. Sort it by film title, descending. Save it as a view called rentals\_by\_film

	title	Total Views
1	zorro ark	32
2	zoolander fiction	16
3	zhivago core	9
4	youth kick	6
5	young language	7
6	yentl idaho	23
7	wyoming stom	13
8	wrong behavior	20
9	wrath mile	14
10	worst banger	16
11	world leathemecks	8