

Individual Project # Name UFID

SELECT STATEMENT: 1A – Using a Subquery

```
SELECT LastName, FirstName
FROM Customer
WHERE NOT EXISTS (SELECT HippCode FROM Ticket
                  WHERE Ticket.HippCode = Customer.HippCode)
ORDER BY LastName;
```

	LastName	FirstName
▶	Adams	Terry
	Alberts	Amy
	Canuto	Suzana
	Caron	Nicole
	Coleman	Pat
	Culp	Scott
	DeVine	Michael
	Dockter	Blaine
	Ganio	Jon
	Gray	Chris

Individual Project #

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Name

Aster Valdemoro

UFID

16995302

SELECT STATEMENT: 1B – Using a Join

```
SELECT LastName, FirstName
FROM Customer
LEFT JOIN Ticket
ON Ticket.HippCode = Customer.HippCode
WHERE Ticket.HippCode is NULL
ORDER BY LastName;
```

	LastName	FirstName
▶	Adams	Terry
	Alberts	Amy
	Canuto	Suzana
	Caron	Nicole
	Coleman	Pat
	Culp	Scott
	DeVine	Michael
	Dockter	Blaine
	Ganio	Jon
	Gray	Chris

Answer to 1: According to the output on the MySQL Workbench, both queries took 0.000 seconds to execute.

✓	18	23:12:32	SELECT LastName, FirstName FROM Customer WHERE NOT EXISTS (...)	39 row(s) returned	0.000 sec / 0.000 sec
✓	19	23:12:38	SELECT LastName, FirstName FROM Customer LEFT JOIN Ticket ON Ti...	39 row(s) returned	0.000 sec / 0.000 sec

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SELECT STATEMENT: 2

```
SELECT Venue.VenueName, Venue.Capacity, Ticket.Price * COUNT(Ticket.DateBought) AS TotalRevenue,
       COUNT(Ticket.DateBought) AS NumOfTicketsSold
FROM Event INNER JOIN Ticket
ON Ticket.EventCode = Event.EventCode
INNER JOIN Venue ON Venue.VenueID = Event.VenueID
WHERE Ticket.DateBought IS NOT NULL
GROUP BY VenueName, Capacity, BaseTicketPrice;
```

	VenueName	Capacity	TotalRevenue	NumOfTicketsSold
▶	Cinema	20	14560	1456
	MainStage	30	126990	4233

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SELECT STATEMENT: 3

```
SELECT Event.EventName, Ticket.Price * COUNT(Ticket.DateBought) AS Revenue,
       Event.PromotionCost, Event.ScreeningCost,
       (Ticket.Price * COUNT(Ticket.DateBought) - PromotionCost - ScreeningCost) AS TotalProfit
FROM Event INNER JOIN Ticket ON Event.EventCode = Ticket.EventCode
WHERE Event.EventType = 'M'
GROUP BY Event.EventName, Ticket.Price, Event.PromotionCost, Event.ScreeningCost
ORDER BY ((Ticket.Price * COUNT(Ticket.DateBought)) - PromotionCost - ScreeningCost) DESC
LIMIT 5;
```

	EventName	Revenue	PromotionCost	ScreeningCost	TotalProfit
▶	Son of Saul	370	50	50	270
	Queen of Earth	390	50	100	240
	White Christmas	330	50	50	230
	Listen Up Philip	440	50	175	215
	The Trip To Italy	340	50	100	190

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SELECT STATEMENT: 4

```
SELECT EventName, Description, VenueID, Genre AS 'Genre/Author'
FROM Event, Movie
WHERE Event.EventCode = Movie.EventCode
UNION ALL
SELECT EventName, Description, VenueID, Author AS 'Genre/Author'
FROM Event, Play
WHERE Event.EventCode = Play.EventCode;
```

	EventName	Description	VenueID	Genre/Author
▶	The Trip To Italy	Two men, six meals in six different places on a r...	2	Comedy
	The Two Faces Of January	A thriller centered on a con artist, his wife, and ...	2	Thriller
	The Rocky Horror Picture Show	A newly engaged couple have a breakdown in a...	2	Comedy
	The Disappearance Of Eleanor Rigby: Them	One couple's story as they try to reclaim the life...	2	Drama
	God Help The Girl	As Eve begins writing songs as a way to sort th...	2	Drama
	Listen Up Philip	Anger rages in Philip as he awaits the publicatio...	2	Comedy
	The Babadook	A single mother, plagued by the violent death o...	2	Drama
	Song Of The Sea	Saoirse, a little girl who can turn into a seal, go...	2	Animation
	Match	As a Juilliard professor is interviewed by a wom...	2	Drama
	The Wrecking Crew	What the Funk Brothers did for Motown...The W...	2	Documentary

Individual Project # **5** Name **Aster Valdemoro**

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SELECT STATEMENT: 5A

```
CREATE OR REPLACE VIEW TicketDetails AS
SELECT Ticket.EventCode, Ticket.ShowDate, Ticket.ShowTime,
       Ticket.Seat, Ticket.DateBought, Ticket.HippCode,
       Ticket.Price, Ticket.CouponCode, Event.EventName, Event.Description,
       Event.VenueID, Event.EventType, Event.BaseTicketPrice,
       Event.PromotionCost, Event.ProductionCost, Event.ScreeningCost
FROM Ticket, Event
WHERE Ticket.EventCode = Event.EventCode;

SELECT EventCode, EventName, COUNT(EventCode) AS NumberOfShows, ScreeningCost,
       (COUNT(EventCode) * ScreeningCost) AS TotalScreeningCost,
       PromotionCost, ProductionCost,
       ((COUNT(EventCode) * ScreeningCost) + PromotionCost + ProductionCost) AS TotalCost,
       SUM(BaseTicketPrice) AS ExpectedRevenue, SUM(Price) AS ActualRevenue,
       (SUM(BaseTicketPrice) - SUM(Price)) AS TotalDiscountsGiven,
       ((COUNT(EventCode) * ScreeningCost) + PromotionCost + ProductionCost) - SUM(Price) AS
Profit
FROM TicketDetails
GROUP BY EventCode, EventName, ScreeningCost, PromotionCost, ProductionCost;
```

	EventCode	EventName	NumberOfShows	ScreeningCost	TotalScreeningCost	PromotionCost	ProductionCost	TotalCost	ExpectedRevenue	ActualRevenue	TotalDiscountsGiven	Profit
▶	801	The Trip To Italy	50	100	5000	50	0	5050	500	479	21	4571
	802	The Two Faces Of January	50	100	5000	150	0	5150	500	400	100	4750
	803	The Rocky Horror Picture Show	50	150	7500	50	0	7550	500	317	183	7233
	804	The Disappearance Of Eleanor Rigby: Them	50	150	7500	50	0	7550	500	364	136	7186
	805	God Help The Girl	50	200	10000	150	0	10150	500	367	133	9783
	806	Listen Up Philip	50	175	8750	50	0	8800	500	494	6	8306
	807	The Babadook	50	125	6250	50	0	6300	500	322	178	5978
	808	Song Of The Sea	50	150	7500	100	0	7600	500	397	103	7203
	809	Match	50	100	5000	150	0	5150	500	321	179	4829
	810	The Wrecking Crew	50	150	7500	150	0	7650	500	454	46	7196



Individual Project # Name UFID

SELECT STATEMENT: 5B

```
SELECT C.HippCode, C.LastName, C.FirstName, C.Email, COUNT(T.DateBought) AS  
TheaterTickets, Count(T.DateBought) AS MovieTickets  
FROM Customer C FULL OUTER JOIN TicketDetails T ON C.HippCode = T.HippCode;
```

I couldn't get all of it, but this is what I had. ☹