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Database Project Assignment 2: Queries in Human

The data that would be collected for my movie theater database would be the employee names, Id number for employee, employee hours worked, employee log in information. Then we also have reservation data, which is the reservation type, reservation id, movie that is playing id, reservation information, if the ticket was paid, employee who reserved. Then we have the seat reservation which include the seat number, id, reservation id, and the screening id. We also have the seat which has id, row, number, and auditorium number. Also, the auditorium information which consists of id, name, and seats number. Then the movie that is playing which has id, movie id, and auditorium id. Lastly, we have the actual movie which has id, title of movie, director, cast, description, and duration of movie. The headquarter people would be the only people who can access the data.

1. What movie will be playing in theaters in theater 4?
   1. Select Theaters, SelectTheater, MovieInTheater
   2. From Movietheaters
   3. Where Theater4 = theater 4
2. What movie is coming out on October 28, 2021?
   1. Select Movies, MoviesComingOut, MovieReleaseDate
   2. From MoviesPlaying
   3. Where NewMovie = 10/28/21
3. Which theater is for only kid movie?
   1. Select Theaters, SelectTheaters, KidsTheaters
   2. From MovieTheaters
   3. Where Theaters = Kids Theaters
4. Which location has manager Bob?
   1. Select Employee, Fname, location, position
   2. From Employee
   3. Where Manager = Bob
5. How many tickets sold for November 2?
   1. Select TicketsSold, TicketsForNov
   2. From Tickets
   3. Where TicketsSold = 11/02
6. How many employees are working on the 28th of October?
   1. Select Employee, Schedule, WorkingEmployee
   2. From Employee
   3. Where Working = 10/28
7. What movie is playing at 8:30pm?
   1. Select MoviesPlaying, MovieSchedule
   2. From Movies
   3. Where Time = 8:30 pm
8. How many popcorn orders were made on the 4th of September?
   1. Select Snacks, PopcornMade, PopcornSold, DateSold
   2. From Concession
   3. Where DateSold = 9/4
9. What movie is playing in three theaters at the same time?
   1. Select MoviesPlaying, MovieSchedule
   2. From Movies
   3. Where Movie = movie playing
10. Which employees are doing floor today?
    1. Select Employee, Schedule, WorkingEmployee, EmployeePosition
    2. From Employee
    3. Where Position = Floor
11. What movies are coming out soon?
    1. Select MoviesComingOut, MovieNames, MovieReleaseDate
    2. From Movies
    3. Where MoviesComingOut = date
12. Which locations offer babysitting?
    1. Select TheaterFeatures, Babysitting
    2. From Theaters
    3. Where Theater = babysitting
13. Which locations offer sport theaters?
    1. Select TheaterFeatures, SportTheater
    2. From Theaters
    3. Where Theater = sport theaters
14. How many kids are coming into the theater?
    1. Select TicketsSold, KidsTickets
    2. From Tickets
    3. Where Kid tickets sold = kid tickets
15. Which movie has been the most viewed?
    1. Select MoviesPlaying, MoviesViews
    2. From Movies
    3. Where Views = most views
16. Which movie has the most showings?
    1. Select Movies, MoviesShowings
    2. From Movies
    3. Where Showings = Most Showings
17. How many theaters are open any time?
    1. Select TheaterLocations, TheaterTimes
    2. From Theaters
    3. Where Open = any time

The business need for my partner’s database is to keep track of all the employees that are working in each location and to keep track of employee information. Also, to keep track of the inventory of the items needed to make specific drinks and to keep track of customer information and customer purchases. It also keeps track of the merchandise purchases and which customer bought what and how many. Lastly, to keep track of the customers who have an account with points connected to them.

1. Which location has all inventory for drinks?
   1. Select InventoryForDrinks, Inventory
   2. From Inventory
   3. Where Inventory = inventory for drinks
2. Which location has special drinks?
   1. Select LocationWithSpecialDrinks, Locations
   2. From Locations
   3. Where Locations = special drinks
3. How many customers have an account with the business?
   1. Select CustomerWithAccount, CustomerWithPoints
   2. From Customers
   3. Where Customers = Has account