Add, Edit and Delete movies

INSERT INTO Movie(Id, Name, Type, DistrFee, NumCpy, Rating)

VALUES(1, “The GodFather”, Drama, 10000, 3, 5)

UPDATE Movie

SET Rating = 3

WHERE Id = 1

DELETE FROM Movies

WHERE Id = 1

Add, Edit and Delete information for an employee

INSERT INTO Employee(Id, SSN, StartDate, HourlyRate)

VALUES(2, 123-45-6789, 11-1-05, 60)

UPDATE Employee

SET HourlyRate = 65

WHERE Id = 2

DELETE FROM Employee

WHERE Id = 2

Obtain a sales report (i.e. the overall income from all active subscriptions) for a particular month

Produce a comprehensive listing of all movies

SELECT \*

FROM Movie

Produce a list of movie rentals by movie name, movie type or customer name

SELECT R.\*

FROM Rental R, Movie M

WHERE R.MovieId = M.Id AND M.Name = “The GodFather”

SELECT R.\*

FROM Rental R, Movie M

WHERE R.MovieId = M.Id AND M.Type = “Drama”

SELECT R.\*

FROM Rental R, Customer C

WHERE R.AccountId = C.Id AND C.LastName = “Smith” AND

C.FirstName = “John”

Determine which customer representative oversaw the most transactions (rentals)

CREATE VIEW CustomerRepTransCount(Id, TransCount) AS

SELECT E.ID , COUNT(E.Id)

FROM Rental R, Employee E

WHERE E.Id = R.EmpID

SELECT Id, Max(TransCount)

FROM CustomerRepTransCount

Produce a list of most active customers

SELECT C.ID

FROM Customer C , Rental R

WHERE

Produce a list of most actively rented movies