CREATE DATABASE HDFC

DROP DATABASE HDFC

CREATE DATABASE SBI

GO

DROP DATABASE SBI

USE SBI

CREATE TABLE ACCOUNTS

(

ACNO CHAR(6) NOT NULL PRIMARY KEY,

FIRST\_NAME VARCHAR(15) NOT NULL,

LAST\_NAME VARCHAR(15) NOT NULL,

ADDRESS VARCHAR(80) NOT NULL,

CITY VARCHAR(30) NOT NULL,

PIN\_CODE CHAR(6),

STATE VARCHAR(25) NOT NULL,

BIRTH\_DATE DATETIME NOT NULL,

PHONE\_NO VARCHAR(15) NULL,

BALANCE MONEY NOT NULL,

OPENING\_DATE DATETIME NOT NULL

)

DROP TABLE ACCOUNTS

SELECT \* FROM ACCOUNTS

INSERT ACCOUNTS(ACNO,FIRST\_NAME,LAST\_NAME,ADDRESS,CITY,PIN\_CODE,STATE,BIRTH\_DATE,PHONE\_NO,BALANCE,OPENING\_DATE)

VALUES('A00001','AJAY','SHARMA','33 D SAKET','MEERUT','250001','UTTAR PRADESH','08/22/1980','9837371123',15000.00,'04/15/2015')

INSERT ACCOUNTS(ACNO,FIRST\_NAME,LAST\_NAME,ADDRESS,CITY,PIN\_CODE,STATE,BIRTH\_DATE,PHONE\_NO,BALANCE,OPENING\_DATE)

VALUES('A00002','VIJAY','SHARMA','34 CIVIL LINES','MEERUT','250001','UTTAR PRADESH','11/24/1982','9837371155',11000.00,'04/15/2015')

INSERT ACCOUNTS(ACNO,FIRST\_NAME,LAST\_NAME,ADDRESS,CITY,STATE,BIRTH\_DATE,PHONE\_NO,BALANCE,OPENING\_DATE)

VALUES('A00003','REEMA','SHARMA','67 D SHASHTRI NAGAR','MEERUT','UTTAR PRADESH','12/27/1990','8837371155',16000.00,'04/15/2015')

INSERT ACCOUNTS

VALUES('A00004','SEEMA','BHARDWAJ','11 RAJPUR ROAD','DEHRADUN','248179','UTTARAKHAND','01/24/1982','8856371155',9000.00,'04/15/2015')

SELECT \* FROM ACCOUNTS

SELECT ACNO,FIRST\_NAME,LAST\_NAME,BALANCE

FROM ACCOUNTS

SELECT ACNO,FIRST\_NAME,LAST\_NAME,BALANCE

FROM ACCOUNTS

WHERE ACNO = 'A00002'

SELECT \* FROM ACCOUNTS

WHERE ACNO = 'A00002'

SELECT \* FROM ACCOUNTS

WHERE BALANCE > 10000

SELECT \* FROM ACCOUNTS

WHERE CITY = 'DEHRADUN'

SELECT \* FROM ACCOUNTS

WHERE BALANCE <= 15000

SELECT \* FROM ACCOUNTS

UPDATE ACCOUNTS

SET LAST\_NAME = 'KHANNA'

WHERE ACNO = 'A00003'

UPDATE ACCOUNTS

SET ADDRESS = '45 LAJPAT NAGAR',CITY = 'DELHI',STATE = 'DELHI',PIN\_CODE = '110009'

WHERE ACNO = 'A00003'

UPDATE ACCOUNTS

SET BALANCE = 4000

UPDATE ACCOUNTS

SET BALANCE = BALANCE + 500

UPDATE ACCOUNTS

SET BALANCE = 25000

WHERE ACNO = 'A00003'

SELECT \* FROM ACCOUNTS

DELETE ACCOUNTS

DELETE ACCOUNTS

WHERE ACNO = 'A00002'

SELECT \* FROM ACCOUNTS

SELECT LAST\_NAME FROM ACCOUNTS

SELECT ALL LAST\_NAME FROM ACCOUNTS

SELECT DISTINCT LAST\_NAME FROM ACCOUNTS

SELECT \* FROM ACCOUNTS

SELECT ACNO,FIRST\_NAME,LAST\_NAME,BALANCE

INTO MYACCOUNTS

FROM ACCOUNTS

SELECT \* FROM MYACCOUNTS

SELECT \*

INTO MYACCOUNTS2

FROM ACCOUNTS

WHERE CITY = 'MEERUT'

SELECT \* FROM MYACCOUNTS2

USE AdventureWorks

SELECT \* FROM HumanResources.Employee

SELECT \* FROM Person.Contact

SELECT EmployeeID, ContactID, LoginID, Title

FROM HumanResources.Employee

SELECT \* FROM HumanResources.Department

SELECT 'Department Number'= DepartmentID,'Department Name'= Name

FROM HumanResources.Department

SELECT DepartmentID 'Department Number', Name 'Department Name'

FROM HumanResources.Department

SELECT DepartmentID AS 'Department Number', Name AS 'Department Name'

FROM HumanResources.Department

SELECT EmployeeID, Title

FROM HumanResources.Employee

SELECT EmployeeID, 'Designation: ', Title

FROM HumanResources.Employee

SELECT 'Surendra ' + 'Sahni'

SELECT 'Mr. ' + FirstName+' '+LastName

FROM Person.Contact

SELECT 'Employee Name'='Mr. ' + FirstName+' '+LastName

FROM Person.Contact

SELECT Name,GroupName

FROM HumanResources.Department

SELECT Name + ' department comes under ' + GroupName + ' group' AS Department

FROM HumanResources.Department

SELECT EmployeeID, Rate,Rate + 5

FROM HumanResources.EmployeePayHistory

SELECT EmployeeID, Rate,Rate - 5

FROM HumanResources.EmployeePayHistory

SELECT EmployeeID, Rate,Rate \* 2

FROM HumanResources.EmployeePayHistory

SELECT EmployeeID, Rate,Rate / 8

FROM HumanResources.EmployeePayHistory

SELECT EmployeeID, Rate,Rate % 2

FROM HumanResources.EmployeePayHistory

SELECT 50\*8/(3-4)+7

SELECT EmployeeID, Rate,Per\_Day\_Rate = 8 \* Rate

FROM HumanResources.EmployeePayHistory

SELECT \* FROM HumanResources.Department

WHERE GroupName = 'Research and Development'

SELECT EmployeeID, NationalIDNumber, Title, VacationHours

FROM HumanResources.Employee

WHERE VacationHours < 5

SELECT EmployeeID, NationalIDNumber, Title, VacationHours

FROM HumanResources.Employee

WHERE VacationHours = 5

SELECT EmployeeID, NationalIDNumber, Title, VacationHours

FROM HumanResources.Employee

WHERE VacationHours <= 5

SELECT EmployeeID, NationalIDNumber, Title, VacationHours

FROM HumanResources.Employee

WHERE VacationHours > 5

SELECT EmployeeID, NationalIDNumber, Title, VacationHours

FROM HumanResources.Employee

WHERE VacationHours >= 5

SELECT EmployeeID, NationalIDNumber, Title, VacationHours

FROM HumanResources.Employee

WHERE VacationHours != 5

SELECT EmployeeID, Title, LoginID

FROM HumanResources.Employee

WHERE Title IN ('Recruiter', 'Stocker')

SELECT EmployeeID, Title, LoginID

FROM HumanResources.Employee

WHERE Title NOT IN ('Recruiter', 'Stocker')

SELECT \* FROM HumanResources.Department

WHERE GroupName = 'Manufacturing' OR GroupName = 'Quality Assurance'

SELECT \* FROM HumanResources.Department

WHERE GroupName = 'Manufacturing' AND Name = 'Production'

SELECT \* FROM HumanResources.Department

WHERE GroupName = 'Manufacturing' AND NOT Name = 'Production'

SELECT \* FROM HumanResources.Department

WHERE NOT GroupName = 'Manufacturing'

SELECT \* FROM HumanResources.Department

WHERE GroupName = 'Manufacturing'

SELECT EmployeeID, VacationHours

FROM HumanResources.Employee

WHERE VacationHours BETWEEN 20 AND 50

SELECT EmployeeID, VacationHours

FROM HumanResources.Employee

WHERE VacationHours NOT BETWEEN 20 AND 50

SELECT EmployeeID, Title, LoginID

FROM HumanResources.Employee

WHERE Title IN ('Recruiter', 'Stocker')

SELECT EmployeeID, Title, LoginID

FROM HumanResources.Employee

WHERE Title NOT IN ('Recruiter', 'Stocker')

SELECT EmployeeID, NationalIDNumber, Title, VacationHours

FROM HumanResources.Employee

WHERE VacationHours IN(5,10,15,28)

SELECT EmployeeID, NationalIDNumber, Title, VacationHours

FROM HumanResources.Employee

WHERE VacationHours NOT IN(5,10,15,28)

SELECT \* FROM HumanResources.Employee

SELECT \* FROM HumanResources.Employee

WHERE BirthDate in ('05/15/1972','01/23/1965')

SELECT \* FROM HumanResources.Employee

WHERE BirthDate not in ('05/15/1972','01/23/1965')

SELECT \* FROM HumanResources.Department

WHERE Name LIKE 'Pro%'

--WILD CARD CHARACTER %

SELECT \* FROM HumanResources.Department

WHERE Name LIKE 'M%'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE '[MSR]%'

SELECT \* FROM HumanResources.Department

WHERE Name NOT LIKE '[MSR]%'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE '[ABC]%'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE '[A-E]%'

SELECT \* FROM HumanResources.Department

WHERE Name NOT LIKE '[MSR]%'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE '[^MSR]%'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE '[^A-E]%'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE 'Fin\_\_\_\_'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE 'Pro%'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE 'Pro\_\_\_\_\_\_\_'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE '%tion'

SELECT \* FROM HumanResources.Department

WHERE Name LIKE '%ing'

SELECT EmployeeID, EndDate

FROM HumanResources.EmployeeDepartmentHistory

WHERE EndDate IS NULL

SELECT EmployeeID, EndDate

FROM HumanResources.EmployeeDepartmentHistory

WHERE EndDate IS NOT NULL

SELECT GroupName, DepartmentID, Name

FROM HumanResources.Department

ORDER BY GroupName

SELECT GroupName, DepartmentID, Name

FROM HumanResources.Department

ORDER BY GroupName ASC

SELECT GroupName, DepartmentID, Name

FROM HumanResources.Department

ORDER BY GroupName DESC

SELECT GroupName, DepartmentID, Name

FROM HumanResources.Department

ORDER BY GroupName, DepartmentID

SELECT DepartmentID,Name

FROM HumanResources.Department

ORDER BY GroupName, DepartmentID

SELECT \* FROM HumanResources.Employee

SELECT TOP 10 \* FROM HumanResources.Employee

SELECT TOP 10 PERCENT \* FROM HumanResources.Employee

SELECT TOP 10 EmployeeID,Title

FROM HumanResources.Employee

SELECT TOP 10 PERCENT \* FROM HumanResources.Employee

WHERE Title LIKE 'Pro%'

ORDER BY ContactID

SELECT Title FROM

HumanResources.Employee

SELECT DISTINCT Title FROM

HumanResources.Employee

SELECT Title FROM

HumanResources.Employee

WHERE Title LIKE 'PR%'

SELECT DISTINCT Title FROM

HumanResources.Employee

WHERE Title LIKE 'PR%'

SELECT \* FROM Production.ProductModel

WHERE Name LIKE 'HL%'