Department of Computer Engineering
Database Systems
CO3201
Assignment 2

1) Consider the following table.

Table 1: Employee table

EMPLOYEE

Fname	Minit	Lname	Ssn	Bdate	Address	Sex	Salary	Super_ssn	Dno
John	B	Smith	123456789	1965-01-09	731 Fondren, Houston, TX	M	30000	333445555	5
Franklin	T	Wong	333445555	1955-12-08	638 Voss, Houston, TX	M	40000	888665555	5
Alicia	J	Zelaya	999887777	1968-01-19	3321 Castle, Spring, TX	F	25000	987654321	4
Jennifer	S	Wallace	987654321	1941-06-20	291 Berry, Bellaire, TX	F	43000	888665555	4
Ramesh	K	Narayan	666884444	1962-09-15	975 Fire Oak, Humble, TX	M	38000	333445555	5
Joyce	A	English	453453453	1972-07-31	5631 Rice, Houston, TX	F	25000	333445555	5
Ahmad	V	Jabbar	987987987	1969-03-29	980 Dallas, Houston, TX	M	25000	987654321	4
James	E	Borg	888665555	1937-11-10	450 Stone, Houston, TX	M	55000	NULL	1

Identify correct data types for given dataset in SQL. Then, try to identify datatypes in **Java** programing language for given dataset for code implementation.

Implement a **java code** to process **insert, update and delete** data in a particular table through a java file.

Assignment should be written as **a report** by describing necessary java codes, data types used in SQL and Java, libraries, connectors required to implementation and also explain how to avoid mismatch impedance while the implementation is being done.

Maximum number of pages: **10** pages

Note: Your code should be access database

No need to create interfaces (if need you can build)

You can use any libraries to implement your java code.

Output for each java code can be shown directly using tables in database

(Submit answer **on or before 10th May, 2021** to LMS submission link)