

1. Create the table **SOFTWARE ENGINEER** for the given information. identify any three constraint based on the given data and include it.

Attribute => Description/Data Type/Constraint

EmpNo=> Employee's unique ID. Max. 5 characters should be numeric

ProjId=> Project in which programmer participates. Max. 3 characters should be numeric

LastName=> Surname of employee. Max. 30 characters. Required.

FirstName=> Employee's first name. Max. 30 characters.

HireDate=> Date on which employee was hired. Date data type.

Language => Programming language used by programmer. Max. 15 characters

TaskNo=> Number of the task associated with the project. Numeric column, max. 2 digits

Privilege=> Type of privilege given to programmer. Max. 25 characters.

Emp No	Last Name	First Name	HireDate	ProjId	Language	Task No	Privilege
201	Gupta	Saurav	1/1/95	NPR	VB	52	Secret
390	Ghosh	Pinky	1/05/93	KCW	Java	11	Top Secret
789	Agarwal	Praveen	08/31/98	Rnc	VB	11	Secret
134	Chaudhury	Supriyo	07/15/95	TIPPS	C++	52	Secret
896	Jha	Ranjit	06/15/97	KCW	Java	10	Top Secret
345	John	Peter	11/15/99	TIPPS	Java	52	
563	Anderson	Andy	08/15/94	NITTS	C++	89	confidential

Write SQL queries to:

1. Insert the values atleast using three different insert method.
2. Supriyo Chaudhury has resigned his job. Incorporate

this change in the table PROGRAMMER.

- 3. Add the column salary. Max size 10 and 4 places of decimal**
- 4. Update the salary of all employees. (NITTS=90000, TIPPS=150000, KCW=97000, NPR=75000, Rnc=80000)**
- 5. Saurav Gupta is assigned a different project with id NITTS and he would work with C++ now. Update this change in the PROGRAMMER table.**
- 6. Display the details of all Employees who was assigned for TIPPS**
- 7. Display EMPNO, FirstName, LastName of all employees whose privilege is top secret**
- 8. Display the details of all employees who are skilled in Java.**
- 9. Insert an employee with**
EmpNo 896, Last Name='Dilip' FirstName='Kumar'
HireDate='08-JAN-1997'
projid='Rnc'
Language='Python'
TaskNo=12
Privilege=secret.
Check the integrity constraint violation and report the same.
- 10. The column TaskNo in the PROGRAMMER Table is no longer needed. Delete the column.**