Experiment No. 2

Implement the Inheritance, Functions and Methods in OODBMS

Problem Statement

**1. Create a super type person**

Person: attributes -->fname (first name), lname (last name) dob (date of birth)

Methods -->FullName(to return full name), OnDate(return dob)

**Create a sub type EmpObj** which will inherit the person type attributes and methods.

Empobj (inherits Person): attributes --> job, sal, da(allowance), doj(date of joining)

Methods -- > Earn (return earning), OnDate(overriding return doj)

Answer below query.

1. Display employee Id, Employee Full Name, Employee Date of joining, Employee Date of Birth and Employee Earning for all employees.

**2. Implementing Table Inheritance in SQL Server**

The following entities in a "School" database:

Super type: People

Sub types:

* Students
* Teachers
* Parents

Each of those entities has many of the same attributes, such as first name, last name, middle name, and birth date. Yet, we must separate them into multiple tables because we need to store and track different data for students, teachers and parents: students have grades and classes and parents; teachers have classes taught, skills, employment information, and so on.