Integer Employee Dataset

This is a modified version of the Employee dataset you might or might not be familiar with. All the attributes have integer domains. You will write queries on this dataset for your first task in the first phase of the project

Dataset Description:

Table: EMPLOYEE

Ssn	Bdate	Sex	Salary	Super_ssn	Dno
1	551208	1	25000	7	4
2	650109	1	25000	6	5
3	690329	0	25000	7	4
4	271110	0	30000	6	5
5	620915	0	38000	6	5
6	551208	0	40000	8	5
7	551208	1	43000	8	4
8	720731	0	55000	0	1

File: EMPLOYEE.csv

Description:

- **Ssn** - Primary key of the table (i.e. each row has a unique value for Ssn). It is a unique identifier given to each employee of the company and every employee of the company will have a value for this column
- **Bdate** - It is the birth date of the employee in YYMMDD format. For example, if the value is 551208 this means the employee was born on the 8th of December(12) in the year 1955
- **Sex** - Sex of the employee (1 - Female, 0 - Male)
- **Salary** - Salary of employee
- **Super_ssn** - the ssn of the employee's supervisor. For example, if you look at the first row, Employee with ID 7 is the supervisor of employee

with ID 1 (foreign key from EMPLOYEE). Note that 0 in this attribute indicates NULL

- **Dno** - Number of the department that the employee belongs to (foreign key from DEPARTMENT)

Table: DEPARTMENT

Dnumber	Mgr_ssn	Mgr_start_date
5	6	880522
4	7	950101
1	8	810619

File: DEPARTMENT.csv

Description:

- **Dnumber** - each department is given a unique identifier (primary key) called Dnumber (Dno in the EMPLOYEE table)
- **Mgr_ssn** - The ssn (or unique ID) of the employee who manages this department
- **Mgr_start_date** - The date indicating when the manager started managing this department. Follows same date format as above

Table: PROJECT

Pnumber	Dnum
1	5
2	5
3	5
10	4
20	1
30	4

File: PROJECT.csv

Description

- **Pnumber** - Unique ID given to each project the company works on
- **Dnum** - Department number this project belongs to (foreign key from DEPARTMENT)

Table: WORKS_ON

Essn	Pno	Hours
4	1	32
4	2	7
5	3	40
2	1	20
2	2	20
6	2	10
6	3	10
6	10	10
6	20	10
1	30	30
1	10	10
3	10	35
3	30	5
7	30	20
7	20	15
8	20	0

File: PROJECT.csv

Description:

This table connects which employees work on which projects and how many hours they put into that project. Both the employee ssn (ID) and the project number (ID) are foreign keys from the EMPLOYEE and PROJECT tables respectively.