Data for EXp 3 & 4

Employee

Char(8) Char(8) int date varchar(35) char(1) int int

primary key

 $\mathbf{F}\mathbf{K}$

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

2. Department

char(15) int

Primary key

Dname	Dnumber
Research	5
Administration	4
Headquarters	1

Project

Char(35) int char(16) int PK FK

Pname	Pnumber	Plocation	Dnum
ProductX	1	Bellaire	5
ProductY	2	Sugarland	5
ProductZ	3	Houston	5
Computerization	10	Stafford	4
Reorganization	20	Houston	1
Newbenefits	30	Stafford	4

(ESSn, Pno) Composite primary key (act as foreign key)

Int int numeric(4,2)

Essn	Pno	Hours
123456789	1	32.5
123456789	2	7.5
666884444	3	40.0
453453453	1	20.0
453453453	2	20.0
333445555	2	10.0
333445555	3	10.0
333445555	10	10.0
333445555	20	10.0
999887777	30	30.0
999887777	10	10.0

Dependent

- -(<u>essn</u>, <u>dependent name</u>) composite primary key
- -essn foreign key

Int	char(10)	char(1) date	char(25)
Essn	Dependent_name	Sex	Bdate	Relationship
333445555	Alice	F	1986-04-05	Daughter
333445555	Theodore	M	1983-10-25	Son
333445555	Joy	F	1958-05-03	Spouse
987654321	Abner	М	1942-02-28	Spouse
123456789	Michael	М	1988-01-04	Son
123456789	Alice	F	1988-12-30	Daughter
123456789	Elizabeth	F	1967-05-05	Spouse