



HW 1.2

Create table **Employee**

(Emp_no integer,
Emp_name char (20),
Room_no integer,
Primary key (Emp_no),
Manager_id char (10),
Foreign key (Manager_id) references **Employee**
On delete set default on update cascade,
Foreign key (Dept_no) references **Department**
On delete set default on update cascade);

Create table **Department**

(Dept_no integer,
Dept_name char (10),
Dept_head char (20),
Primary key (Dept_no),
Foreign key (Emp_no) references **Employee**
On delete set null on update cascade);

Create table **Project**

(Proj_code integer,
Proj_name char (10),
Start_date integer,
End_date integer,
Primary key (Proj_code),
Foreign key (Emp_no) references **Employee**
On delete set default on update cascade);

Create table **Works-on**

(Proj_code integer,
Emp_no integer,
Primary key (Proj_code, Emp_no),
Foreign key (Emp_no) references **Employee**
On delete cascade on the update cascade,
Foreign key (Proj_code) references **Project**
On delete cascade on the update cascade);

Create table **Salary-hist**

(Job_code integer,
Salary_level char (20),
Emp_no integer,
Primary key (Salary_level, Emp_no),

Foreign key (Job_code) references **Job**
On delete cascade on update cascade,
Foreign key (Salary_level) references **Salary**
On delete cascade on update cascade,
Foreign key (Emp_no) references **Employee**
On delete cascade on update cascade);

Create table **Salary**
(Salary_level char (20),
Mon_Salary integer,
Primary key (Salary_level));

Create table **Job**
(Job_code integer,
Job_title char (10),
Primary key (Job_code));

HW 1.3

Create table **department**
(Dept_no integer,
Dept_name char (20),
Emp_id char (10),
Primary key (dept_no),
Foreign key (emp_id) references **employee**
On delete set null on update cascade);

Create table **employee**
(Dept_no integer,
Emp_id char (10),
Primary key (Emp_id),
Foreign key (Dept_no) references **department**
On delete set default on update cascade);