

-- Table: public.titles

-- DROP TABLE IF EXISTS public.titles;

CREATE TABLE IF NOT EXISTS public.titles

(
 title_id character varying(20) COLLATE pg_catalog."default" NOT NULL,
 title character varying(40) COLLATE pg_catalog."default" NOT NULL,
 CONSTRAINT pk_titles PRIMARY KEY (title_id)
)

TABLESPACE pg_default;

ALTER TABLE IF EXISTS public.titles

OWNER to postgres;

-- Table: public.employees

-- DROP TABLE IF EXISTS public.employees;

CREATE TABLE IF NOT EXISTS public.employees

(
 emp_no integer NOT NULL,
 emp_title_id character varying(20) COLLATE pg_catalog."default" NOT NULL,
 birth_date date NOT NULL,
 first_name character varying(20) COLLATE pg_catalog."default" NOT NULL,
 last_name character varying(20) COLLATE pg_catalog."default" NOT NULL,
 sex character(1) COLLATE pg_catalog."default" NOT NULL,

```
hire_date date NOT NULL,  
CONSTRAINT pk_employees PRIMARY KEY (emp_no),  
CONSTRAINT fk_employees_emp_title_id FOREIGN KEY (emp_title_id)  
    REFERENCES public.titles (title_id) MATCH SIMPLE  
    ON UPDATE NO ACTION  
    ON DELETE NO ACTION  
)
```

```
TABLESPACE pg_default;
```

```
ALTER TABLE IF EXISTS public.employees  
    OWNER to postgres;
```

```
-- Table: public.departments
```

```
-- DROP TABLE IF EXISTS public.departments;
```

```
CREATE TABLE IF NOT EXISTS public.departments  
(  
    dept_no character(4) COLLATE pg_catalog."default" NOT NULL,  
    dept_name character varying(20) COLLATE pg_catalog."default" NOT NULL,  
    CONSTRAINT pk_departments PRIMARY KEY (dept_no)  
)
```

```
TABLESPACE pg_default;
```

```
ALTER TABLE IF EXISTS public.departments
```

OWNER to postgres;

-- Table: public.employee_by_dept

-- DROP TABLE IF EXISTS public.employee_by_dept;

CREATE TABLE IF NOT EXISTS public.employee_by_dept

(
 emp_no integer NOT NULL,
 dept_no character(4) COLLATE pg_catalog."default" NOT NULL,
 CONSTRAINT pk_employee_by_dept PRIMARY KEY (emp_no, dept_no),
 CONSTRAINT fk_employee_by_dept_dept_no FOREIGN KEY (dept_no)
 REFERENCES public.departments (dept_no) MATCH SIMPLE
 ON UPDATE NO ACTION
 ON DELETE NO ACTION,
 CONSTRAINT fk_employee_by_dept_emp_no FOREIGN KEY (emp_no)
 REFERENCES public.employees (emp_no) MATCH SIMPLE
 ON UPDATE NO ACTION
 ON DELETE NO ACTION
)

TABLESPACE pg_default;

ALTER TABLE IF EXISTS public.employee_by_dept

OWNER to postgres;

-- Table: public.department_manager

```
-- DROP TABLE IF EXISTS public.department_manager;
```

```
CREATE TABLE IF NOT EXISTS public.department_manager
```

```
(  
    dept_no character(4) COLLATE pg_catalog."default" NOT NULL,  
    emp_no integer NOT NULL,  
    CONSTRAINT pk_department_manager PRIMARY KEY (emp_no),  
    CONSTRAINT fk_department_manager_dept_no FOREIGN KEY (dept_no)  
        REFERENCES public.departments (dept_no) MATCH SIMPLE  
        ON UPDATE NO ACTION  
        ON DELETE NO ACTION,  
    CONSTRAINT fk_department_manager_emp_no FOREIGN KEY (emp_no)  
        REFERENCES public.employees (emp_no) MATCH SIMPLE  
        ON UPDATE NO ACTION  
        ON DELETE NO ACTION  
)
```

```
TABLESPACE pg_default;
```

```
ALTER TABLE IF EXISTS public.department_manager
```

```
    OWNER to postgres;
```

```
-- Table: public.salaries
```

```
-- DROP TABLE IF EXISTS public.salaries;
```

```
CREATE TABLE IF NOT EXISTS public.salaries
```

```
(  
    emp_no integer NOT NULL,  
    salary integer NOT NULL,  
    CONSTRAINT pk_salaries PRIMARY KEY (emp_no),  
    CONSTRAINT fk_salaries_emp_no FOREIGN KEY (emp_no)  
        REFERENCES public.employees (emp_no) MATCH SIMPLE  
        ON UPDATE NO ACTION  
        ON DELETE NO ACTION  
)
```

```
TABLESPACE pg_default;
```

```
ALTER TABLE IF EXISTS public.salaries  
    OWNER to postgres;
```