

SQL Homework - Employee Database: Table Query

-- Exported from QuickDBD: <https://www.quickdatabasediagrams.com/>

-- NOTE! If you have used non-SQL datatypes in your design, you will have to change these here.

```
CREATE TABLE "titles" (  
  "title_id" VARCHAR(15) NOT NULL,  
  "title" VARCHAR(50) NOT NULL,  
  last_updated timestamp default localtimeStamp,  
  CONSTRAINT "pk_titles" PRIMARY KEY (  
    "title_id"  
  )  
);
```

```
CREATE TABLE "employees_demo" (  
  "emp_no" INT NOT NULL,  
  "emp_title_id" VARCHAR(15) NOT NULL,  
  "birth_date" DATE NOT NULL,  
  "first_name" VARCHAR(40) NOT NULL,  
  "last_name" VARCHAR(50) NOT NULL,  
  "sex" VARCHAR(2) NOT NULL,  
  "hire_date" DATE NOT NULL,  
  last_updated timestamp default localtimeStamp,  
  CONSTRAINT "pk_employees_demo" PRIMARY KEY (  
    "emp_no"  
  )  
);
```

```
CREATE TABLE "dept" (  
  "dept_no" VARCHAR NOT NULL,  
  "dept_name" VARCHAR NOT NULL,  
  last_updated timestamp default localtimeStamp,  
  CONSTRAINT "pk_dept" PRIMARY KEY (  
    "dept_no"  
  )  
);
```

```
CREATE TABLE "dept_manager" (  
  "emp_no" INT NOT NULL,  
  "dept_no" VARCHAR NOT NULL,  
  last_updated timestamp default localtimeStamp,  
  CONSTRAINT "pk_dept_manager" PRIMARY KEY (  
    "emp_no", "dept_no"  
  )  
);
```

```
)  
);
```

```
CREATE TABLE "salaries" (  
  "emp_no" INT NOT NULL,  
  "salary" INT NOT NULL,  
  last_updated timestamp default localtimeStamp,  
  CONSTRAINT "pk_salaries" PRIMARY KEY (  
    "emp_no"  
  )  
);
```

```
CREATE TABLE "dept_emp" (  
  "emp_no" INT NOT NULL,  
  "dept_no" VARCHAR NOT NULL,  
  last_updated timestamp default localtimeStamp,  
  CONSTRAINT "pk_dept_emp" PRIMARY KEY (  
    "emp_no", "dept_no"  
  )  
);
```

```
ALTER TABLE "employees_demo" ADD CONSTRAINT "fk_employees_demo_emp_title_id"  
FOREIGN KEY("emp_title_id")  
REFERENCES "titles" ("title_id");
```

```
ALTER TABLE "dept_manager" ADD CONSTRAINT "fk_dept_manager_emp_no" FOREIGN  
KEY("emp_no")  
REFERENCES "employees_demo" ("emp_no");
```

```
ALTER TABLE "dept_manager" ADD CONSTRAINT "fk_dept_manager_dept_no" FOREIGN  
KEY("dept_no")  
REFERENCES "dept" ("dept_no");
```

```
ALTER TABLE "salaries" ADD CONSTRAINT "fk_salaries_emp_no" FOREIGN KEY("emp_no")  
REFERENCES "employees_demo" ("emp_no");
```

```
ALTER TABLE "dept_emp" ADD CONSTRAINT "fk_dept_emp_emp_no" FOREIGN KEY("emp_no")  
REFERENCES "employees_demo" ("emp_no");
```

```
ALTER TABLE "dept_emp" ADD CONSTRAINT "fk_dept_emp_dept_no" FOREIGN KEY("dept_no")  
REFERENCES "dept" ("dept_no");
```