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

-- Link to schema: https://app.quickdatabasediagrams.com/#/d/3MUafA

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

CREATE TABLE "departments" (

"dept\_num" varchar(10) NOT NULL,

"dept\_name" varchar(50) NOT NULL,

CONSTRAINT "pk\_departments" PRIMARY KEY (

"dept\_num"

)

);

CREATE TABLE "titles" (

"title\_id" varchar(10) NOT NULL,

"title" varchar(50) NOT NULL,

CONSTRAINT "pk\_titles" PRIMARY KEY (

"title\_id"

)

);

CREATE TABLE "employees" (

"emp\_num" integer NOT NULL,

"emp\_title\_id" varchar(10) NOT NULL,

"birth\_date" date NOT NULL,

"first\_name" varchar(100) NOT NULL,

"last\_name" varchar(100) NOT NULL,

"sex" varchar(5) NOT NULL,

"hire\_date" date NOT NULL,

CONSTRAINT "pk\_employees" PRIMARY KEY (

"emp\_num"

)

);

CREATE TABLE "salaries" (

"emp\_num" integer NOT NULL,

"salary" integer NOT NULL,

CONSTRAINT "pk\_salaries" PRIMARY KEY (

"emp\_num"

)

);

CREATE TABLE "dept\_emp" (

"emp\_num" integer NOT NULL,

"dept\_num" varchar(10) NOT NULL,

CONSTRAINT "pk\_dept\_emp" PRIMARY KEY (

"emp\_num","dept\_num"

)

);

CREATE TABLE "dept\_manager" (

"dept\_num" varchar(10) NOT NULL,

"emp\_num" integer NOT NULL,

CONSTRAINT "pk\_dept\_manager" PRIMARY KEY (

"dept\_num","emp\_num"

)

);

ALTER TABLE "employees" ADD CONSTRAINT "fk\_employees\_emp\_title\_id" FOREIGN KEY("emp\_title\_id")

REFERENCES "titles" ("title\_id");

ALTER TABLE "salaries" ADD CONSTRAINT "fk\_salaries\_emp\_num" FOREIGN KEY("emp\_num")

REFERENCES "employees" ("emp\_num");

ALTER TABLE "dept\_emp" ADD CONSTRAINT "fk\_dept\_emp\_emp\_num" FOREIGN KEY("emp\_num")

REFERENCES "employees" ("emp\_num");

ALTER TABLE "dept\_emp" ADD CONSTRAINT "fk\_dept\_emp\_dept\_num" FOREIGN KEY("dept\_num")

REFERENCES "departments" ("dept\_num");

ALTER TABLE "dept\_manager" ADD CONSTRAINT "fk\_dept\_manager\_dept\_num" FOREIGN KEY("dept\_num")

REFERENCES "departments" ("dept\_num");

ALTER TABLE "dept\_manager" ADD CONSTRAINT "fk\_dept\_manager\_emp\_num" FOREIGN KEY("emp\_num")

REFERENCES "employees" ("emp\_num");