CREATE TABLE "warehouse" (

"id" int NOT NULL,

"id\_ingredient" int NOT NULL,

"quantity" int NOT NULL,

"measure" int NOT NULL,

CONSTRAINT warehouse\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "dishes" (

"id" serial NOT NULL,

"name" varchar NOT NULL,

"price" double NOT NULL,

"weight" double NOT NULL,

"measure" int NOT NULL,

CONSTRAINT dishes\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "employee" (

"id" bigint NOT NULL,

"second\_name" varchar NOT NULL,

"name" varchar NOT NULL,

"birthday" DATE NOT NULL,

"telephone" varchar NOT NULL,

"position\_id" int NOT NULL,

"salary" real NOT NULL,

CONSTRAINT employee\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "positions" (

"id" int NOT NULL,

"position\_name" varchar NOT NULL,

CONSTRAINT positions\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "ingredients" (

"id" bigint NOT NULL,

"name" varchar NOT NULL,

CONSTRAINT ingredients\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "list\_of\_ordered\_dishes" (

"id" serial NOT NULL,

"id\_order" int NOT NULL,

"id\_dish" int NOT NULL,

CONSTRAINT list\_of\_ordered\_dishes\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "measures" (

"id" serial NOT NULL,

"name" varchar NOT NULL,

CONSTRAINT measures\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "menu" (

"id" serial NOT NULL,

"name" varchar NOT NULL,

CONSTRAINT menu\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "menu\_set" (

"id\_menu" int NOT NULL,

"id\_dish" int NOT NULL,

CONSTRAINT menu\_set\_pk PRIMARY KEY ("id\_menu","id\_dish")

) WITH (

OIDS=FALSE

);

CREATE TABLE "orders" (

"id" serial NOT NULL,

"id\_waiter" int NOT NULL,

"table\_number" int NOT NULL,

"order\_date" DATE NOT NULL,

CONSTRAINT orders\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "prepared\_dishes" (

"id" serial NOT NULL,

"id\_dishes" int NOT NULL,

"id\_cooker" int NOT NULL,

"id\_order" int NOT NULL,

"order\_date" DATE NOT NULL,

CONSTRAINT prepared\_dishes\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

CREATE TABLE "recipe" (

"id" serial NOT NULL,

"id\_dish" int NOT NULL,

"id\_ingredients" int NOT NULL,

CONSTRAINT recipe\_pk PRIMARY KEY ("id")

) WITH (

OIDS=FALSE

);

ALTER TABLE "warehouse" ADD CONSTRAINT "warehouse\_fk0" FOREIGN KEY ("id\_ingredient") REFERENCES "ingredients"("id");

ALTER TABLE "warehouse" ADD CONSTRAINT "warehouse\_fk1" FOREIGN KEY ("measure") REFERENCES "measures"("id");

ALTER TABLE "dishes" ADD CONSTRAINT "dishes\_fk0" FOREIGN KEY ("measure") REFERENCES "measures"("id");

ALTER TABLE "employee" ADD CONSTRAINT "employee\_fk0" FOREIGN KEY ("position\_id") REFERENCES "positions"("id");

ALTER TABLE "list\_of\_ordered\_dishes" ADD CONSTRAINT "list\_of\_ordered\_dishes\_fk0" FOREIGN KEY ("id\_order") REFERENCES "orders"("id");

ALTER TABLE "list\_of\_ordered\_dishes" ADD CONSTRAINT "list\_of\_ordered\_dishes\_fk1" FOREIGN KEY ("id\_dish") REFERENCES "dishes"("id");

ALTER TABLE "menu\_set" ADD CONSTRAINT "menu\_set\_fk0" FOREIGN KEY ("id\_menu") REFERENCES "menu"("id");

ALTER TABLE "menu\_set" ADD CONSTRAINT "menu\_set\_fk1" FOREIGN KEY ("id\_dish") REFERENCES "dishes"("id");

ALTER TABLE "orders" ADD CONSTRAINT "orders\_fk0" FOREIGN KEY ("id\_waiter") REFERENCES "employee"("id");

ALTER TABLE "prepared\_dishes" ADD CONSTRAINT "prepared\_dishes\_fk0" FOREIGN KEY ("id\_dishes") REFERENCES "dishes"("id");

ALTER TABLE "prepared\_dishes" ADD CONSTRAINT "prepared\_dishes\_fk1" FOREIGN KEY ("id\_cooker") REFERENCES "employee"("id");

ALTER TABLE "prepared\_dishes" ADD CONSTRAINT "prepared\_dishes\_fk2" FOREIGN KEY ("id\_order") REFERENCES "orders"("id");

ALTER TABLE "recipe" ADD CONSTRAINT "recipe\_fk0" FOREIGN KEY ("id\_dish") REFERENCES "dishes"("id");

ALTER TABLE "recipe" ADD CONSTRAINT "recipe\_fk1" FOREIGN KEY ("id\_ingredients") REFERENCES "ingredients"("id");