**Lab 3: Convert ERDs to Relational Models**

Complete the following exercises off-platform. This is ungraded and for your own learning. Write down your answers ....

**ERD 1**

Given the ERD below, convert it to a Relational Model (a set of Relational Schemas). Make sure you underline the primary key and add (fk) after the foreign key.

A diagram of a data flow

Description automatically generated

**Answer**:

* Locations (ID, State, City, Street, ZipCode, Country)
* Galleries (GalleryNum, Name, Phone, Hours, Introduction, LocationID(fk))
* Drawings (DrawingNum, Title, Size, Material, Date, GalleryNum(fk))
* Drawings\_Artists (DrawingNum(fk), ArtistNum(fk)
* Artists (ArtistNum, Name, Phone, Birthday, Email)
* Artists\_Artists(ArtistNum(fk), friendOfNum(fk))

**ERD 2**

Given the ERD below, convert it to a Relational Model (a set of Relational Schemas). Make sure you underline the primary key and add (fk) after the foreign key.

(It is a similar ERD than previous one - pay attention to the differences)

A diagram of a data flow

Description automatically generated

**Answer**:

* Locations (ID, State, City, Street, ZipCode, Country, GalleryNum(fk))
* Galleries (GalleryNum, Name, Phone, Hours, Introduction)
* Drawings (DrawingNum, Title, Size, Material, Date, GalleryNum(fk), ArtistNum(fk))
* Artists (ArtistNum, Name, Phone, Birthday, Email, ReferrerNum(fk))