Part One: Medical Center
Design the schema for a medical center.

A medical center employs several doctors
A doctors can see many patients
A patient can be seen by many doctors
During a visit, a patient may be diagnosed to have one or more diseases.

Physician	
PK	physician_id : int
	first_name : varchar(255)
	last_name : varchar(255)

Patient	
PK	patient_id : int
	first_name : varchar(255)
	last_name : varchar(255)

Visit	
PK	encounter_id : int
FK	physician_id : int
FK	patient_id : int
	encounter_date : date

Diagnosis	
PK	diagnosis_id : int
FK	encounter_id : int
FK	disease_id : int

Disease	
PK	disease_id : int
	icd_version : int
	code_value : varchar(255)
	desc : varchar(255)