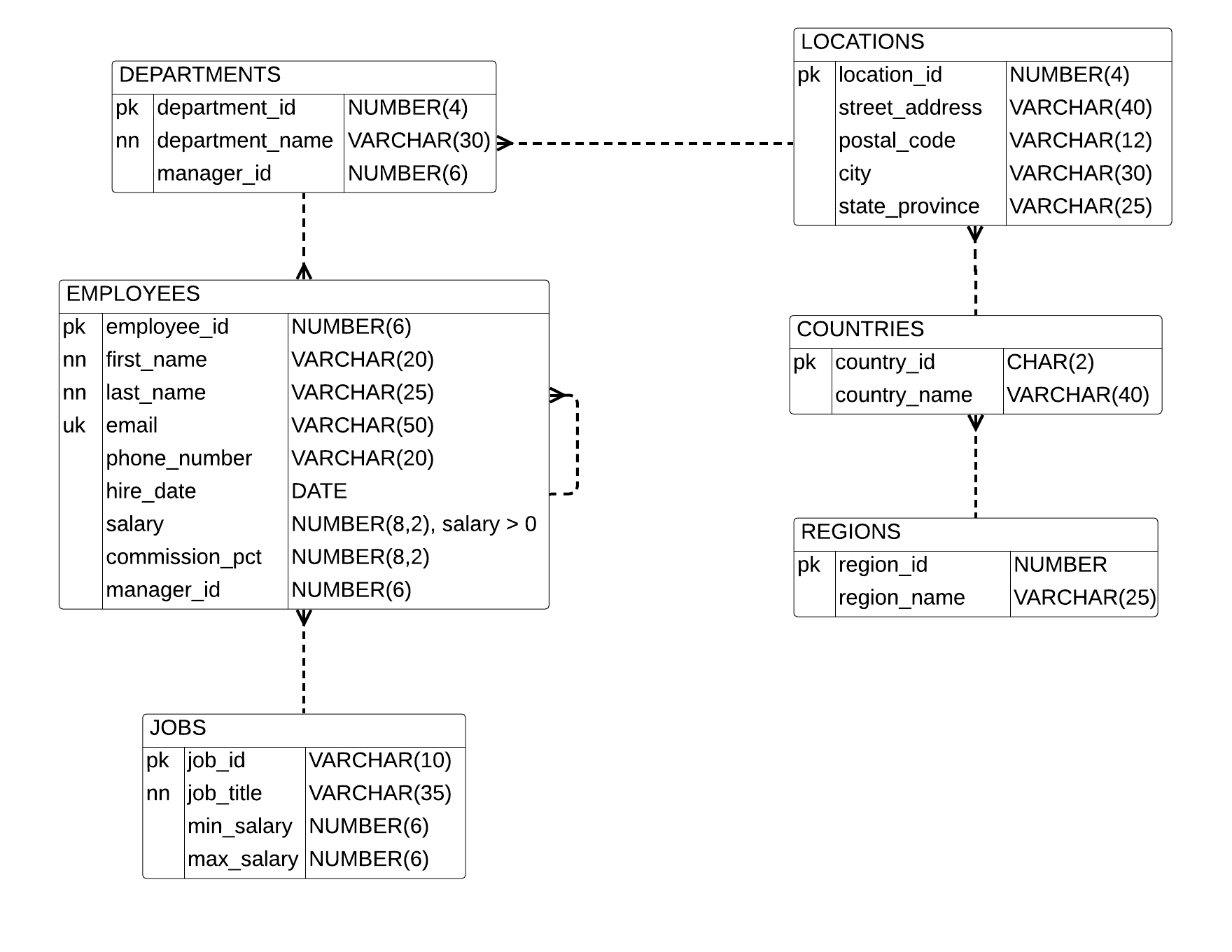
**Lab 1 Creating tables for Human Resource**

**Evaluate an ER diagram of the given HR schema**



* Write SQL statements for creating the tables. The sequence of creating tables should correspond to the need for referencing tables. The statements should include constraints, including primary-key, foreign-key, unique, not null and check constraints.

**Syntax:**

--Column Level--

**CREATE TABLE tablename1**

**(**

**column1 datatype [CONSTRAINT tablename1\_column1\_pk] PRIMARY KEY,**

**column2 datatype [CONSTRAINT tablename1\_column2\_nn] NOT NULL,**

**column3 datatype [CONSTRAINT tablename1\_cloumn3\_uk] UNIQUE,**

**column4 datatype [CONSTRAINT tablename1\_column4\_ck]**

**CHECK (condition(s)),**

**column5 datatype [CONSTRAINT tablename1\_column5\_fk]**

**REFERENCES tablename2 (pk\_column), …**

**) ;**

--Table Level--

**CREATE TABLE tablename2**

**(**

**Column6 datatype ,**

**Column7 datatype,**

**Column8 datatype NOT NULL,**

**Column9 datatype,**

**CONSTRAINT tablename2\_column67\_pk PRIMARY KEY (column6[,column7]),**

**CONSTRAINT tablename2\_column8\_fk FOREIGN KEY**

**(column8 [,columnX]) REFERENCES tablename1,**

**CONSTRAINT tablename2\_cloumn9\_uk UNIQUE (column9),**

**CONSTRAINT tablename2\_column9\_ck CHECK (condition)**

**) ;**