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CIS 310 HW 3

21. The table employee has a primary key and super key EMP_NUM., it has a probable foreign key as JOB_CODE or DEPT_CODE

- 22.

Identify the primary keys.

The table director has a primary key DIR_NUM

The table PLAY has a primary key PLAY_CODE

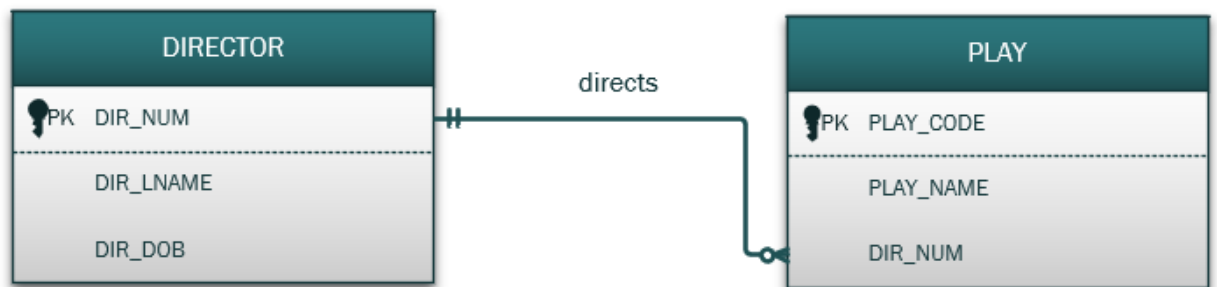
- 23.

Identify the foreign keys.

The table PLAY has a foreign key DIR_NUM

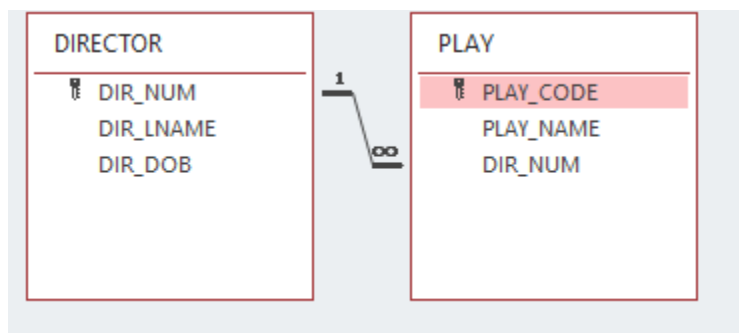
- 24.

Create the ERM.



- 25.

Create the relational diagram to show the relationship between DIRECTOR and PLAY.



- 26.

Suppose you wanted quick lookup capability to get a listing of all plays directed by a given director. Which table would be the basis for the INDEX table, and what would be the index key?

The PLAY table would be the basis for the INDEX table and the index key would be DIR_NUM

- 27.

What would be the conceptual view of the INDEX table described in [Question 26](#)? Depict the contents of the conceptual INDEX table.

