Assignment 3

21.

The entities are:

- EMP = Employee
- DEPT = Department
- JOB = Job

The attributes of the employee (EMP) entity are:

- NUM = Number
- LNAME = Last Name
- INITIAL = Middle Initial
- FNAME = First Name

The attribute of the department (DEPT) entity is:

- CODE = Code

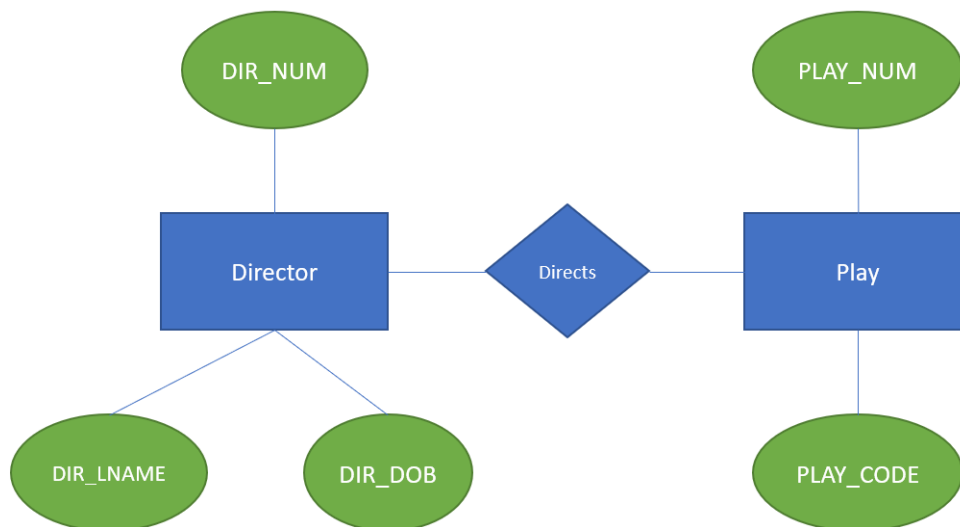The attribute of the job (JOB) entity is:

- CODE = Code

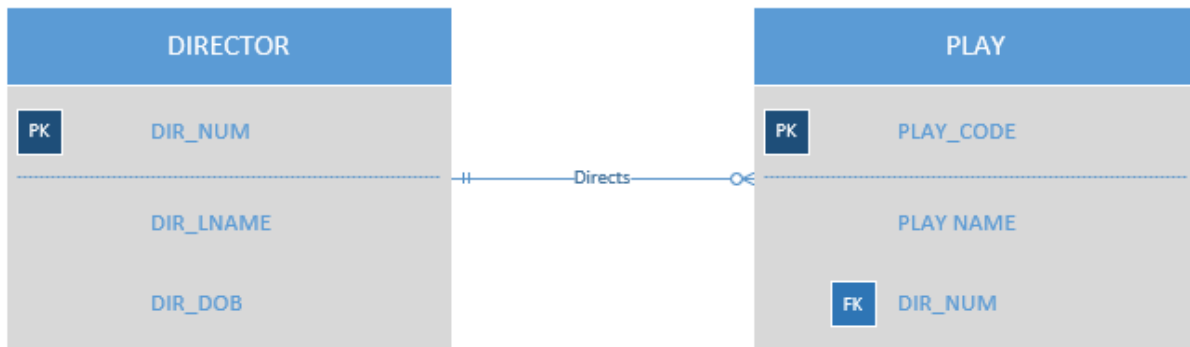The probable foreign keys are DEPT_CODE and JOB_CODE

22.

The primary keys are DIR_NUM and PLAY_CODE.

The foreign key is DIR_NUM.

24.

25.

26.

The DIRECTOR table would be the basis for the index table. The DIR_NUM would be the index key.

27.

DIR_NUM	Pointers
100	4
101	2, 5, 7
102	1, 3, 6