

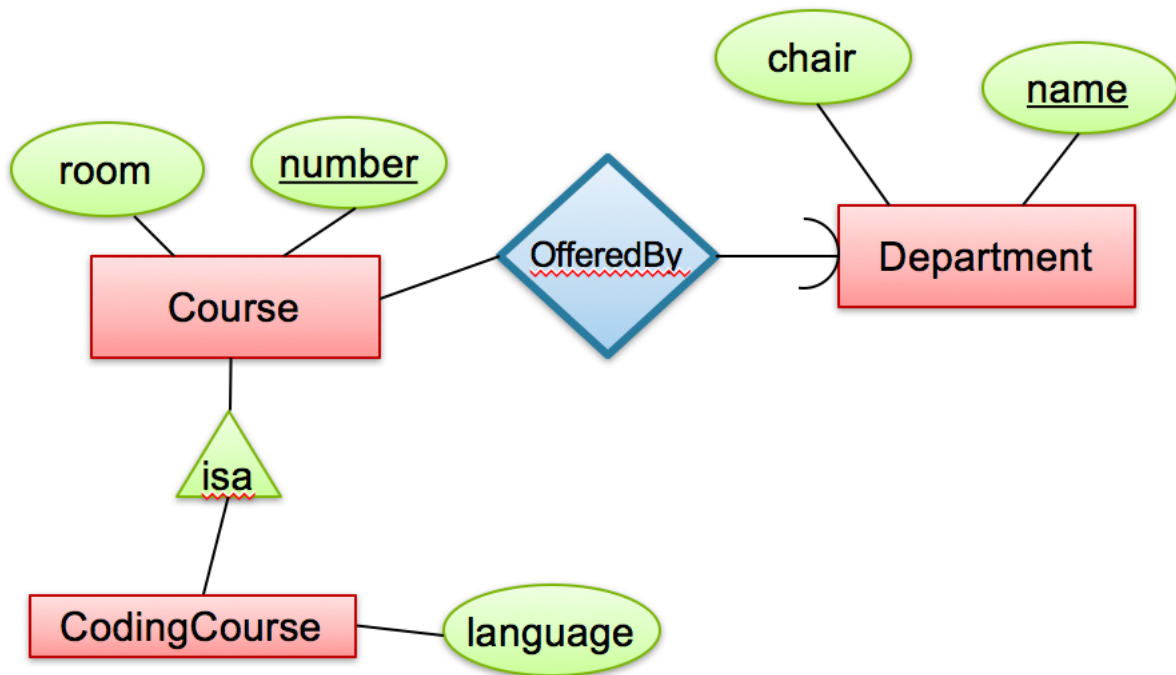
## Section 7 Worksheet: E/R Diagrams

**Problem 1:** Convert the following SQL CREATE TABLE statements to an E/R diagram

```
CREATE TABLE Studios(  
    name VARCHAR(50),  
    address VARCHAR(100),  
    PRIMARY KEY(name))
```

```
CREATE TABLE Movies(  
    title VARCHAR(50),  
    year INT,  
    genre VARCHAR(50),  
    length INT,  
    ownedBy VARCHAR(50) NOT NULL,  
    PRIMARY KEY(title, year),  
    FOREIGN KEY (ownedBy) REFERENCES Studios(name))
```

**Problem 2:** Convert the following E/R diagram into a set of tables. Give SQL queries to create those tables and all of the constraints implied by the diagram.



**Problem 3:** Convert the following E/R diagram into a set of tables. Give SQL queries to create those tables and all of the constraints implied by the diagram.

