

## Question 2:

Extend problem 1 with the *Lab* entity type connected by a 1-M relationship from *Lab* to *LabVisit*. Choose an appropriate relationship name using your common knowledge of interactions between labs and lab visits. Define minimum cardinalities so that a lab is required for a lab visit. For the *Lab* entity type, add attributes *LabNo* (primary key), *LabName*, *LabStreet*, *LabCity*, *LabState*, and *LabZip*. If you are using a data modeling tool that supports data type specification, choose appropriate data types for the attributes based on your common knowledge.

Answer:

