

Suppose you need to track data for mountain climbing expeditions. Each member of an expedition is called a climber, and one of the climbers is named to lead each expedition. Climbers can be members of many expeditions over time. Each expedition involves one specific peak. The climbers in each expedition attempt to ascend one or more of the many faces of each peak.

The data you need to track includes the name of the expedition, the leader of the expedition, and comments about the expedition; the first name, last name, nationality, birth date, death date, and comments about each climber; the name, location, height, and comments about each peak; the name and comments about each face of a peak; comments about each climber for each expedition; and the highest height reached and the date for each ascent attempt by a climber on a face with commentary.

Design an appropriate set of 3NF tables. Document your design with an ER diagram.