Problem #1

Cough is identified using ICD-9/10 codes from the claims databases. Whereas, there is no ICD-9/10 code available to define the chronic stage of cough. The objective of the problem is to identify patients who have been diagnosed with chronic cough between 2007 and 2009. These patients will be then assessed for their demographic characteristics. The following algorithm is deigned to identify chronic cough patients:

A patient having at least three inpatient/outpatient claims for cough within the time window of 120 days anytime, between 2007 and 2009.

The following dataset has patients with service dates for cough from 2007 and 2009. Identify patients diagnosed with chronic cough between 2007 and 2009.