Sixty-Minute Software has hired you to implement their Case-Oriented Wonderer (COW). COW should take an input story that has been parsed into a set of simple facts about some topic, like an event, and a set of story representations retrieved from memory by the Retriever (not your problem). COW should match the input against each retrieved case to generate possible additional facts about the input topic. For example,

Source	Topic	Facts	Proposed Facts from COW
Input	evt30	isa(evt30, bombing) region(evt30, tikrit)	N/A
Retrieved	evt1	region(evt1, madrid) isa(evt1, bombing) deathtoll(evt1, 190) injurycount(evt1, 1240) target(evt1, train)	target(evt30, train) injurycount(evt30, 1240) deathtoll(evt30, 190)
Retrieved	evt2	deathtoll(evt2, 5) isa(evt2, explosion) region(evt2, baghdad) target(evt2, market)	target(evt30, market) deathtoll(evt30, 5)

Note that things obviously true or false in the input story are not proposed.

Using any programming language you like, and the most appropriate data structure in that language for representing stories and facts, implement the COW fact proposer.