

Problem Statement

This problem deals with measuring cups that are missing important measuring labels. Specifically, a measuring cup only has two measuring lines. a Low (L) line and a High (H) line. This means that these cups can't precisely measure and can only guarantee that the substance poured into them will be between the Low and H line. For example, you might have a measuring cup that has a Low line at 400ml and a high line at 435ml. This means that when you use this measuring cup, you can only be sure that what you're measuring is between 400ml and 435ml. You're given a list of measuring cups containing their low and high lines as well as one low integer and one high integer representing a range for a target measurement. Write a function that returns a Boolean representing whether you can use the cups to accurately measure a volume in the specified [Low, high] range (the range is inclusive).