**15. Portmanteau**

# Program Name: Portmanteau.java Input File: portmanteau.dat

A portmanteau is a combination of two words into a single word. Examples include motel (motor + hotel), brunch (breakfast + lunch), and hangry (hungry + angry). Given a portmanteau and two words, determine if it is possible to form the portmanteau with said words. A portmanteau is said to be formable if a continuous stream of characters from the beginning of one word combined with a continuous stream of characters from the end of the other word makes the portmanteau. The streams must both be of nonzero length.

**Input**

The first line of input will contain a single integer n that indicates how many test cases to follow. Each test case will contain the portmanteau, then two words.

**Output**

If it is possible to create the portmanteau from the words, output “YES”. Otherwise, output “NO”.

**Example Input File**

4

motel motor hotel

brunch lunch breakfast

jangry hungry angry

whism antidisestablishmentarianism what

**Example Output to Screen**

YES

YES  
NO

YES