**14. Password Manager**

# Program Name: Password.java Input File: password.dat

Being a forgetful person, one of the things you often forget are your passwords. While you could just write your passwords down, that’s not safe because someone else could figure out your passwords. Since you’re not a complete amnesiac, you’ve decided to write a program that will accept your passwords as long as the beginning and the end of the password is right. Since you’re also a math geek, you settle on 50% accuracy in the characters of the password- 25% at the beginning and 25% at the end.

**Input**

The first line of input will contain a single integer n that indicates how many test cases to follow. Each test case will consist of two lines. The first line has the actual password, and the second line has your attempt. You can assume that the length of the passwords will be the same, and will always be divisible by 4.

**Output**

Output SUCCESS if the first 25% and last 25% of the passwords match. If not, output FAILURE.

**Example Input File**

5

Password Patented

p@$$w0r1 p@gmair1

-2539-48264- -3925-46284-

hunter2 \*\*\*\*\*\*\*

'OR1=1;- 'Oh\_No;-

**Example Output to Screen**

FAILURE  
SUCCESS

FAILURE

FAILURE

SUCCESS