MakerLab Juniors - Student Grades

Time limit: 2.0s Memory limit: 16M

Student Grades

A teacher wants to record the grades of 4 students and see who passed or failed. A student passes if their grade is 10 or higher.

We want to write a program that will read a positive integer N for each of the 4 students from the input **STDIN**.

The program will print (STDOUT) the message Passed if the grade is 10 or higher, otherwise, it will print the message Failed.

Examples

Input

	1

Output

Passed			
Failed			
Passed			
Failed			