Problem A. IPPT

Input file:	standard input
Output file:	standard output
Time limit:	1 second
Memory limit:	1024 megabytes

LCP Khoo has just completed his Individual Physical Proficiency Test (IPPT). He scored a, b, and c points for the three stations (push-ups, sit-ups, and 2.4km run) respectively.

Now, LCP Khoo wants to know which award he will receive. If he scored 0 for any of the three stations, output FAIL. Otherwise, output the award corresponding to his **total** score:

Award type	Total points required (inclusive)
FAIL	0 to 60
PASS	61 to 74
SILVER	75 to 84
GOLD	85 and above

Input

The first and only line of input will contain three space-separated integers — a, b, and c.

Output

Output the award that LCP Khoo will receive. Do note that the output is case sensitive.

Scoring

For all subtasks, it is guaranteed that:

- $0 \le a, b \le 25$
- $0 \le c \le 50$

Subtask	Score	Additional constraints
1	31	$c = 0$
2	69	—
3	0	Sample test cases

Examples

standard input	standard output
25 25 0	FAIL
22 11 45	SILVER

Note

In the first sample test case, since LCP Khoo scored 0 for his 2.4km run, he fails IPPT immediately.

In the second sample test case, the sum of his scores is 78 which lands him in the silver award category.