# A Larry's Race

Larry is attempting to join spring track! To get Larry in shape, Devon has built a robot to chase Larry, traveling 100 meters in $T$ seconds ($1 \leq T \leq 100,000$). Given $N$ distances $A_i$ that Larry runs and the time $B_i$ it took for him to run that distance ($1 \leq N \leq 100,000$, $100 \leq A_i \leq 100,000$, $1 \leq B_i \leq 100,000$), determine whether Larry could outrun Devon's robot. (Note: $A_i$ will be a multiple of 100.)

Note: if Devon's robot catches Larry exactly at the finish line, Larry did not outrun it.

**INPUT FORMAT:**
The first line consists of two integers, $N$ and $T$. The next $N$ lines each contain an integer $A_i$ representing a distance in meters ($A_i$ is a multiple of 100), and a time $B_i$ representing the time it took Larry to run that distance in seconds.

**OUTPUT FORMAT:**
For each input, if Larry outran Devon's robot, output "SPEEDRACER" (without quotes). Otherwise, output "POTATO" (without quotes).

**SAMPLE INPUT:**

```
3 22
1600 352
800 150
3200 840
```

**SAMPLE OUTPUT:**

```
SPEEDRACER
POTATO
SPEEDRACER
```