CLOUDFLIGHT
CODING
CONTEST

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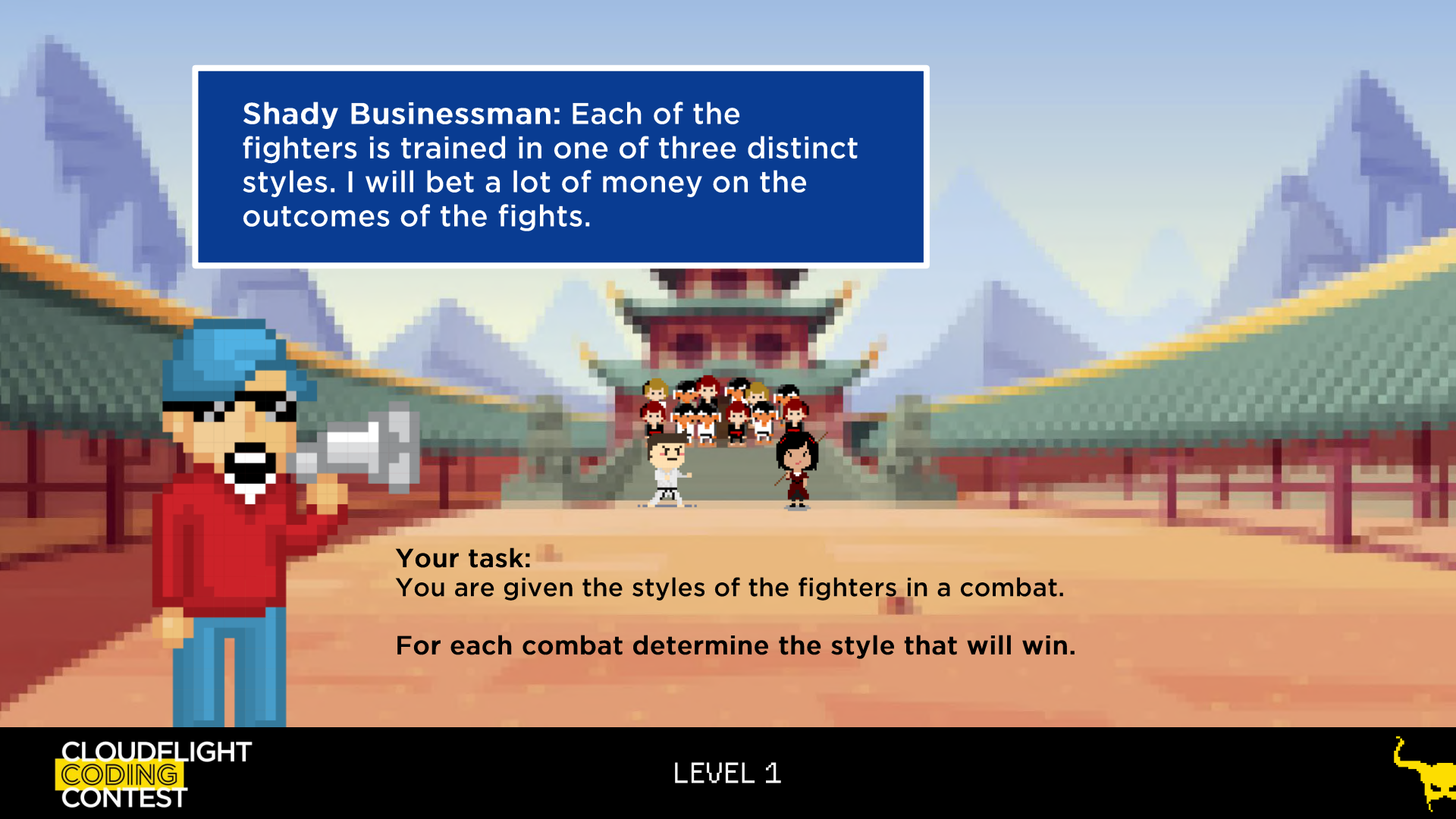
A big martial arts tournament is hosted. Shady people want you to hack the program that generates the tournaments tree. You have no choice but to comply.

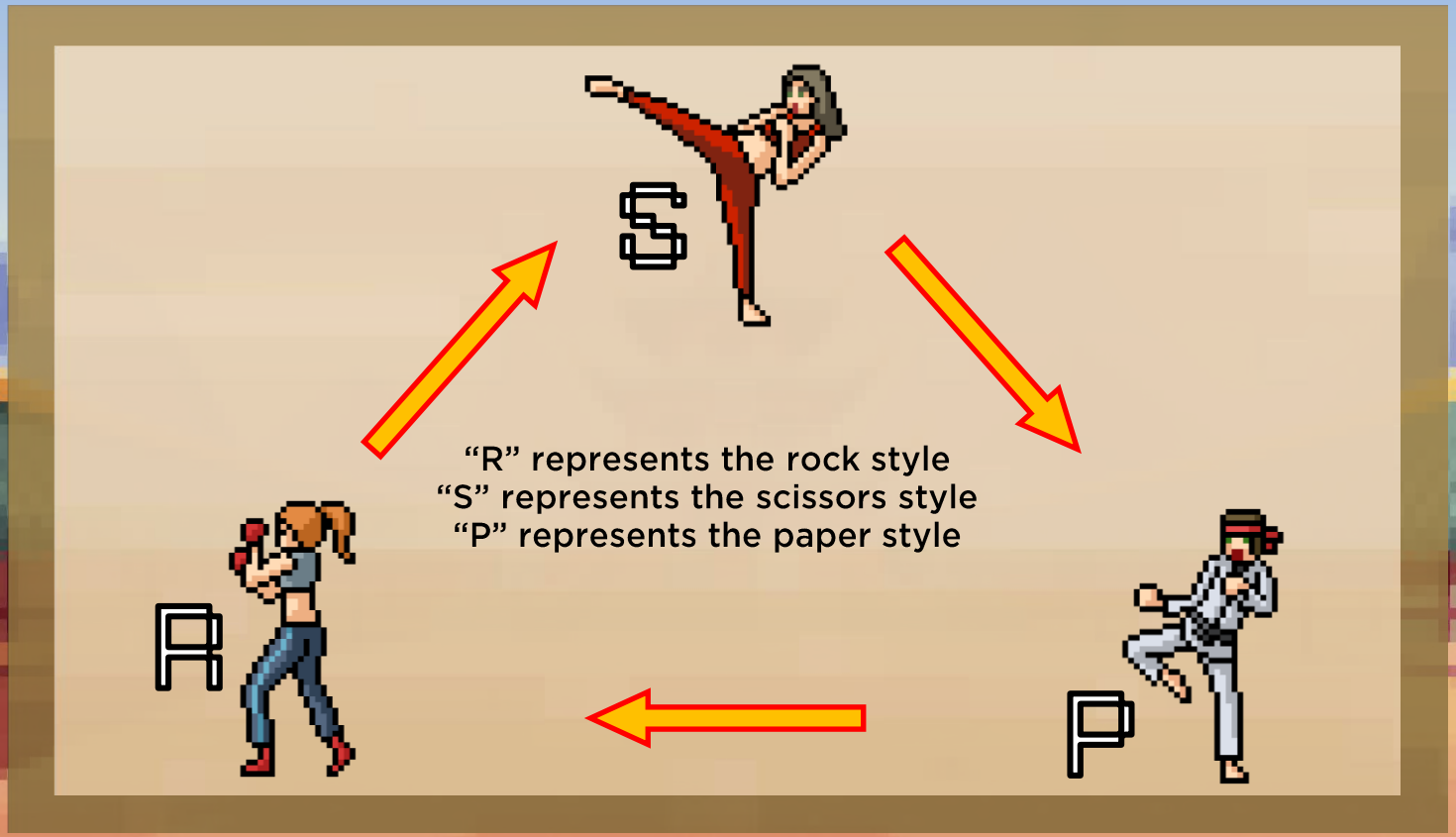
LEVEL 1



Your task:
You are given the styles of the fighters in a combat.

For each combat determine the style that will win.

- Some styles are better against certain styles, and others are worse
- All the fighters are equally skilled. Their style will determine the outcome of the fight
- You can find a diagram of which style beats which on the next page
- If both fighters have the same style, the winners' style will be the style of the both fighters
- Given the style of the fighters, determine the winners style.


S
R
P
“R” represents the rock style
“S” represents the scissors style
“P” represents the paper style

	Input	Output
Format	N fightingStyles	fightingStyle (repeated N times)
Types	N (int): number of fights fightingStyles (string): two chars, representing the styles of the fighters	fightingStyle (char): the winner's fighting style
Example	5 PR RR SS SR PS	P R S R S

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