LEVEL 5

Shady Businessman: You need to manipulate a bigger tournament now. The fighters in this tournament will now have **five** different styles not just three. The goal stays the same, a scissors fighter must win the final round.
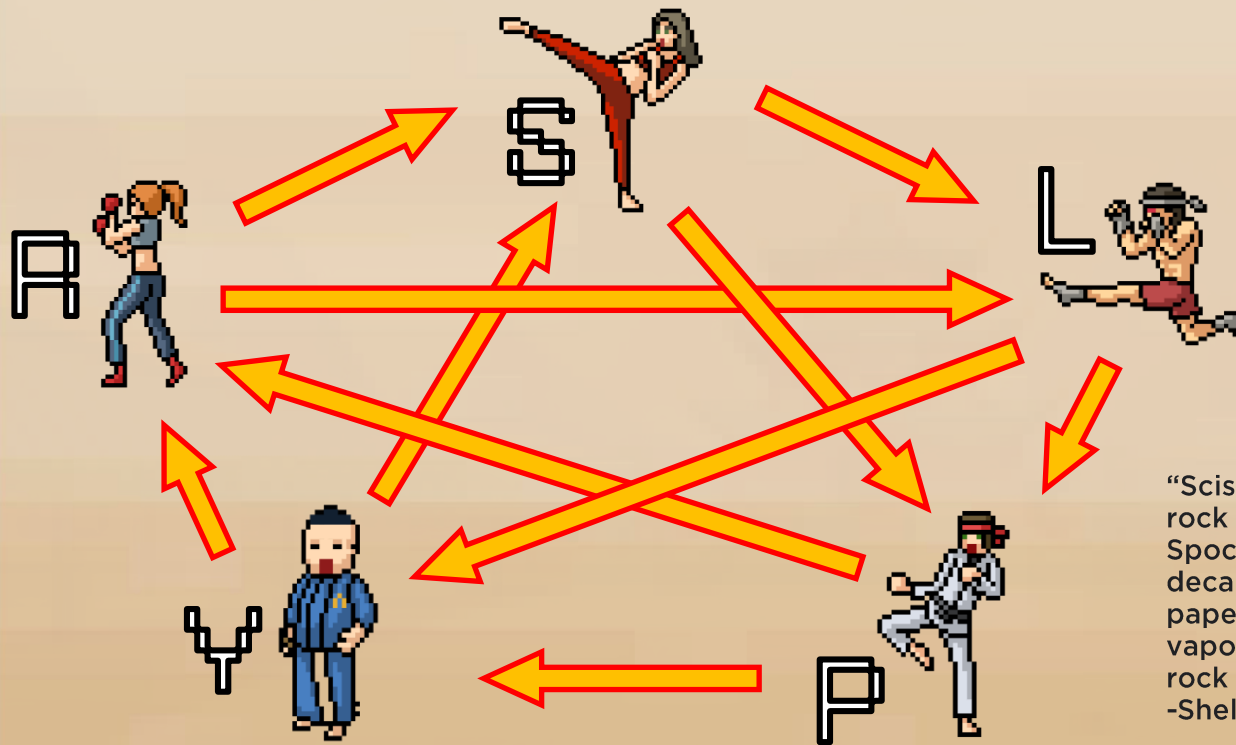
Your task:
Generate the initial pairings of a tournament so that the final winner will be a scissors fighter.

- Additional to the known styles of rock, paper, and scissors, there are now also the styles of spock and lizard. You can find a diagram of which style beats which on the next page.

- **Generate the initial pairings of a tournament so that the final winner will be a scissors fighter.**

- It is guaranteed that there is at least one solution.

- There are multiple correct solutions.

"S" represents the scissors style
"L" represents the lizard style
"P" represents the paper style
"Y" represents the spock style
"R" represents the rock style

"Scissors cuts paper, paper covers rock, rock crushes lizard, lizard poisons Spock, Spock smashes scissors, scissors decapitates lizard, lizard eats paper, paper disproves Spock, Spock vaporizes rock, and as it always has, rock crushes scissors."
-Sheldon Cooper

	Input	Output
Format	N M amountR amountP amountS amountY amountL (repeated N times)	fightingStyles (repeated N times)
Types	N (int): number of tournaments M (int): number of fighters in the tournament (will always be a power of 2) amount (int): the number of fighters of this style that will participate in the tournament	fightingStyles (string): the pairings of the first round
Example	3 16 6R 5P 2S 3Y 0L 3R 1P 5S 5Y 2L 7R 1P 1S 2Y 5L	PPSSYPPYRYRRRRPR YYYYRPRRLYSLSSSS RRRRRPRRLSLLLYYL

The input and output format is identical to the previous
level except for the amount of spock and lizard fighters

Rock, Paper, Scissors

Fight well Coders!

Beat the Game!

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