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head of player goose

 $n^{\rm th}$  segment of player goose from the tail head of the longest opponent goose

 $n^{\text{th}}$  segment of the longest opponent goose from the tail potential moves of the longest opponent goose

positional features of the 2<sup>nd</sup> longest opponent goose positional features of the 3<sup>rd</sup> longest opponent goose

head of all opponent geese n<sup>th</sup> segment of all opponent geese from the tail potential moves of all opponent geese

segments where collisions will occur segments of potential collisions heads of opponent geese which are *n* longer (or shorter).

remaining steps to hungry turn remaining steps to the game end

current step

food

direction of player goose (vertical or horizontal) number of alive geese