The **OneToNine Game** is a simultaneous game played by three players. Each player plays a whole number in the range 1 to 9 inclusive. Then money is won as follows:

- If all three numbers are the same, nothing happens.
- If the lowest number chosen is unique, that player wins *that many dollars*.
- If the lowest number chosen is not unique, but not all three numbers are the same, the player with the high number wins *one dollar*.

In this assignment you are to create MATLAB code for the strategy of a player of the game. Your assignment grade will be determined by the result of a tournament. In the tournament, every trio in the class plays a *match* consisting of a sequence of 100 games (with the same opponents). Your assignment grade will be completely determined by the amount of money your player has at the end of the tournament.

The strategy should be a function called your lower-case family-name (e.g. `goddard`), in a file of the same name (e.g. `goddard.m`). Your function must return an integer in the range 1 to 9. It should have the header

```matlab
function result = family_name( myHistory, oneHistory, twoHistory )
```

where `myHistory` is a vector giving the sequence of choices that your function has made so far in this match, and `oneHistory` and `twoHistory` are vectors giving the sequence of choices made by your two opponents so far.

You may collaborate with other people in the class in selecting, devising and testing a strategy; indeed, you may submit the same code as someone else (or even my example renamed). But this is played and scored as an individual assignment.