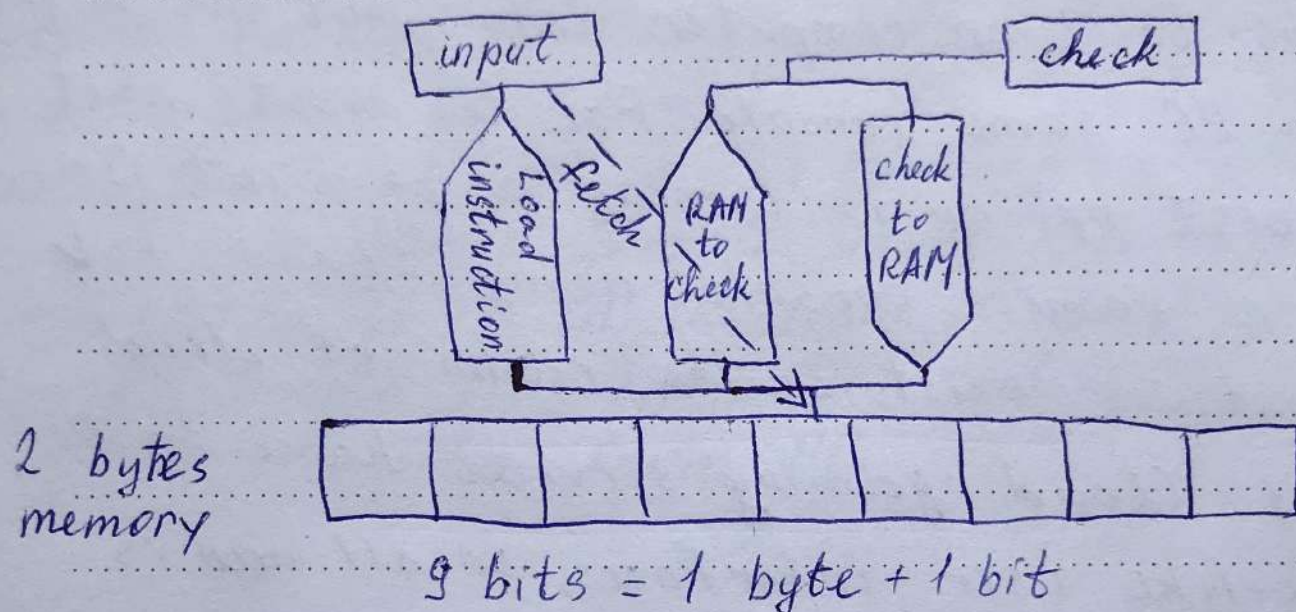


4. Describe a model that can fully represent and store the state of the board for a game of tic tac toe in a computer. How many bytes of memory would your model require? Is your model optimal?



I think this model is optimal.

5. Take the ASCII values of the first three letters of your surname and use them as hex values in order to produce a 24-bit web color. What is your color like?

S - 53, a - 61, r - 72

53 61 72<sub>16</sub>

01010011 01100001 01110010

24-bit web color - 010100110110000101110010

Color name - Very dark grayish blue.