Inputs and outputs of the memory elements:

* Input from the cursors pertaining to the clearing of a cell or the placing/removing a marker from the cell.
* Outputs from the memory are a 2-bit signal which indicates the states of the cell. 1 bit pertains to the covered state (either covered on uncovered) and 1 bit pertains to the flagged state (either indicates if a cell is marked or if a cell is not marked.