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#
# tests in /tests.py
class Sudoku:
    def __init__(self,s) -> None:
        self.s = s
        self.sqrs = []
        self.board = [list(map(int,self.s[i:i+9])) for i in range(0,81,9)]
        self.rows = self.board
        self.cols = [[self.board[j][i] for j in range(9)] for i in range(9)]
        for j in range(0,81,27):
            for start in range(0+j,9+j,3):
                sqr = []
                for _ in range(3):
                    sqr.append([self.s[i] for i in range(start,3+start)])
                    start += 9
                self.sqrs.append([int(i) for i in sum(sqr,[])])

    def get_col(self,n): return self.cols[n]

    def get_row(self,n): return self.rows[n]

    def get_sqr(self,n,m=False):
        if not isinstance(m, bool):
            sqr_idx = (n // 3 * 3) + (m // 3)
        else:
            sqr_idx = n
        return self.sqrs[sqr_idx]
# EOF

```