SUDOKU PROBLEM

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SUDOKU CODE:

```
import numpy as np

N = 3
valid_inputs = [1, 2, 3]
matrix = np.zeros((N, N))

def isSafe(matrix, row, col, num):
    # Check row
    for i in range(N):
        if matrix[row][i] == num:
            return False

# Check column
for i in range(N):
        if matrix[i][col] == num:
            return False

return True
```

```
if solvematrix(matrix, 0, 0):
    print("Solution found:")
    print(matrix)
else:
    print("No solution exists.")
```

OUTPUT:

```
4/Artifical Intellgence - F2/L
AB/sudoku2.py"
Solution found:
[[1. 2. 3.]
[2. 3. 1.]
[3. 1. 2.]]
```