

1) Show a result of Josephus Problem for 7 soldiers.

Display in the console log below

- a. 1 Kills 2
- b. 3 Kills 4
- c. 5 Kills 6
- d. 7 Kills 1
- e. 3 Kills 5
- f. 7 Kills 3
- g. 7 Remains alive

2)(EXAM) Solve sudoku

Start

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7 | | 4 | 8 | | | 3 | | 1 |
| 8 | 2 | | 5 | | | | 4 | |
| | | 9 | 4 | 3 | | 5 | | |
| 3 | 1 | | | | | 8 | | 7 |
| | 8 | | | | | | 1 | |
| 9 | | 7 | | | | | 3 | 2 |
| | | 6 | | 1 | 5 | 4 | | |
| | 7 | | | | 9 | | 6 | 5 |
| 5 | | 8 | | | 2 | 1 | | 3 |

Solution

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7 | 5 | 4 | 8 | 2 | 6 | 3 | 9 | 1 |
| 8 | 2 | 3 | 5 | 9 | 1 | 7 | 4 | 6 |
| 1 | 6 | 9 | 4 | 3 | 7 | 5 | 2 | 8 |
| 3 | 1 | 2 | 9 | 6 | 4 | 8 | 5 | 7 |
| 6 | 8 | 5 | 2 | 7 | 3 | 9 | 1 | 4 |
| 9 | 4 | 7 | 1 | 5 | 8 | 6 | 3 | 2 |
| 2 | 3 | 6 | 7 | 1 | 5 | 4 | 8 | 9 |
| 4 | 7 | 1 | 3 | 8 | 9 | 2 | 6 | 5 |
| 5 | 9 | 8 | 6 | 4 | 2 | 1 | 7 | 3 |