

Names of team members.

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- Instructions on how to access an appropriate compiler/interpreter for your solver. Please include a URL and any special installation instructions.

The code can be run as any other regular Go program. Instruction for installation of Go can be found the official website <https://golang.org/doc/install>

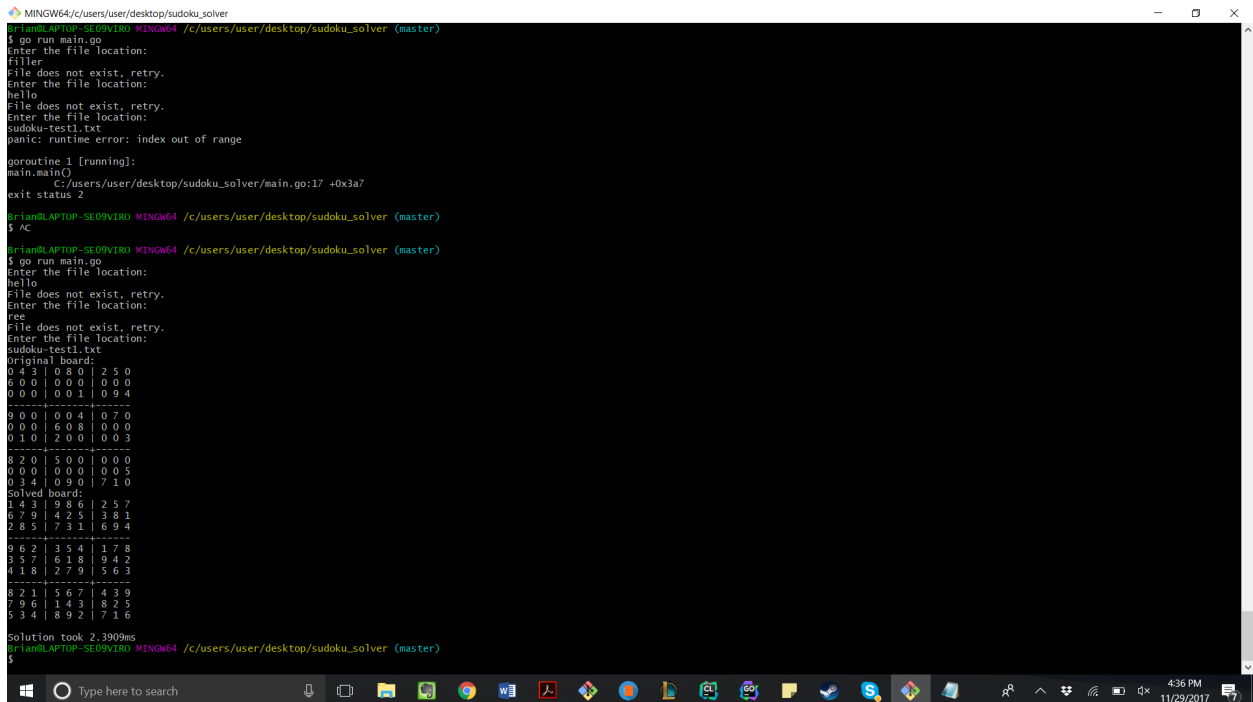
- Instructions on how to use your solver. Please include, as appropriate, instructions on compiling, linking, and running your solver.

Open the folder containing the go program and the test board. Then run the solver by running “go run main.go”

Then, enter the file name with the sample board: sudoku-test1.txt

- A description of the input file format and where the file needs to reside for the solver to work.
The program main.go and the test file sudoku-test1.txt should reside alongside each other in one folder. The format of the test text file should be 81 digits placed in 9 rows and 9 columns, separated by individual spaces.

- A screen shot or log file of your program solving a puzzle.



```
MINGW64/c/users/user/desktop/sudoku_solver
brian@LAPTOP-SE09V1R0 MINGW64 /c/users/user/desktop/sudoku_solver (master)
$ go run main.go
Enter the file location:
file:
File does not exist, retry.
Enter the file location:
hello
File does not exist, retry.
Enter the file location:
sudoku-test1.txt
panic: runtime error: index out of range

goroutine 1 [running]:
main.main()
  C:/users/user/desktop/sudoku_solver/main.go:17 +0x3a7
exit status 2
brian@LAPTOP-SE09V1R0 MINGW64 /c/users/user/desktop/sudoku_solver (master)
$ AC
brian@LAPTOP-SE09V1R0 MINGW64 /c/users/user/desktop/sudoku_solver (master)
$ go run main.go
Enter the file location:
hello
File does not exist, retry.
Enter the file location:
ree
File does not exist, retry.
Enter the file location:
sudoku-test1.txt
Original board:
0 4 3 | 0 8 0 | 2 5 0
6 0 0 | 0 0 0 | 0 0 0
0 0 0 | 0 0 1 | 0 9 4
-----
9 0 0 | 0 0 4 | 0 7 0
0 0 0 | 6 0 8 | 0 0 0
0 1 0 | 2 0 0 | 0 0 3
-----
8 2 0 | 5 0 0 | 0 0 0
0 0 0 | 0 0 0 | 0 0 5
0 3 4 | 0 9 0 | 7 1 0
-----
Solved board:
1 4 3 | 9 8 6 | 2 5 7
6 7 9 | 4 2 5 | 3 8 1
2 8 5 | 7 3 1 | 6 9 4
-----
9 6 2 | 3 5 4 | 1 7 8
3 5 7 | 6 1 8 | 9 4 2
4 1 8 | 2 7 9 | 5 6 3
-----
8 2 1 | 5 6 7 | 4 3 9
7 9 6 | 1 4 3 | 8 2 5
5 3 4 | 8 9 2 | 7 1 6
-----
Solution took 2.3909ms
brian@LAPTOP-SE09V1R0 MINGW64 /c/users/user/desktop/sudoku_solver (master)
$
```