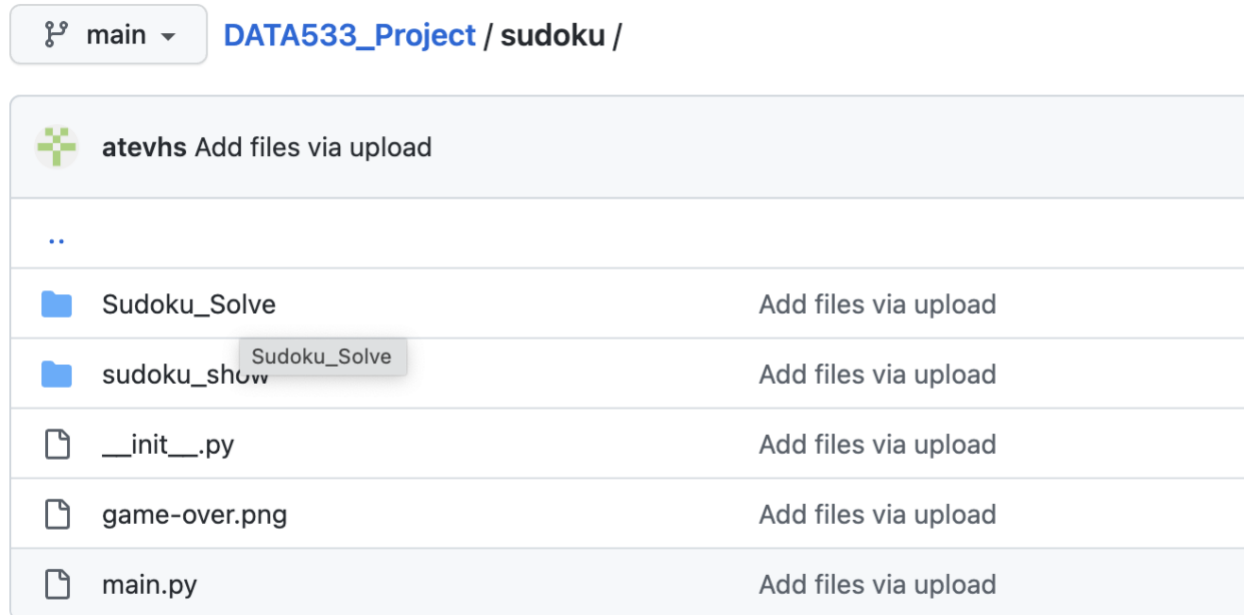


## Python Test User Guide for Sudoku Game

Step 1: Open Terminal(mac) or command prompt(windows), navigate to game directory sudoku



Step 2: Run python main.py ( either you can run default or add user input customizable screen attributes)

```
(base) atevhs@Shvetas-MacBook-Air:~/sudoku3$ python main.py -h
pygame 2.1.2 (SDL 2.0.18, Python 3.8.13)
Hello from the pygame community. https://www.pygame.org/contribute.html
usage: main.py [-h] [--screen_width SCREEN_WIDTH] [--screen_height SCREEN_HEIGHT] [--selected_width SELECTED_WIDTH] [--selected_height SELECTED_HEIGHT] [--level LEVEL] [--block_gap BLOCK_GAP]
               [--block_size BLOCK_SIZE]

Sudoku Game

optional arguments:
  -h, --help            show this help message and exit
  --screen_width SCREEN_WIDTH
  --screen_height SCREEN_HEIGHT
  --selected_width SELECTED_WIDTH
  --selected_height SELECTED_HEIGHT
  --level LEVEL
  --block_gap BLOCK_GAP
  --block_size BLOCK_SIZE
(base) atevhs@Shvetas-MacBook-Air:~/sudoku3$
```

Eg: we run :

```
python main.py --screen_width 560 --screen_height 700 --selected_width 260 --selected_height 300
```

and we get below screen:

Python Test User Guide for Sudoku Game



Step 3: Select a Level and Click as below :



A new screen will open as below :



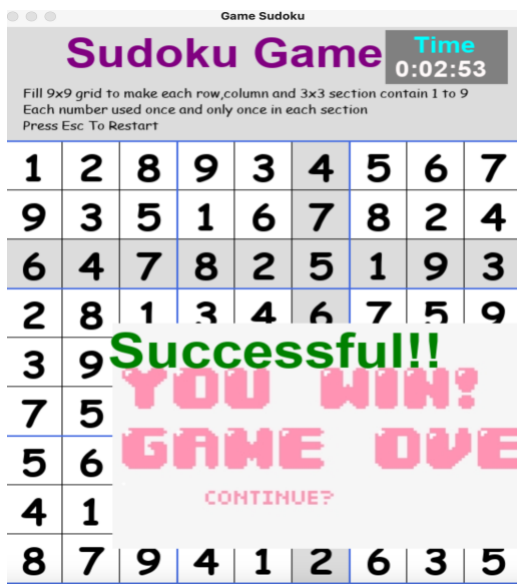
Easy has 30 blanks, Medium has 40 and Difficult has 50 blanks.

Step 4: Press spacebar to start. Timer will start too. If you enter any wrong number, It will be highlighted as below :



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

Step 5: After finishing game successfully, you will see success msg and image as below:



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

End!