2048 GAME

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DESCRIPTION



- 2048 is a single-player sliding block puzzle game designed by Italian web developer Gabriele Cirulli.
- 2048 is played on a plain 4×4 grid, with numbered tiles that slide when a player moves them using the four arrow keys.[3] Every turn, a new tile randomly appears in an empty spot on the board with a value of either 2 or 4.

PROJECT FLOW

- Day 1 : Analysing the project statement
- Day 2 : Basic design, random tiles and gitlab
- Day 3: Up and down movements
- Day 4: Left and right movements and LaTeX
- Day 5 : Checking over the presentation

APPROACH

- Using tkinter GUI library We have designed a Grid, applied colors.
- Then two random tiles were given initially.
- Required functionalities were given.
- Movements(up,down,right,left) for the tiles were given.
- Score Board was given.

TECHNICAL STACK

• PYTHON IDLE

LEARNINGS

- LaTex Beamer
- GITLAB

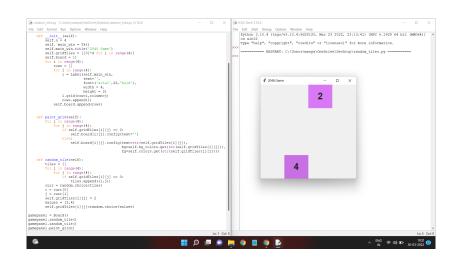
CHALLENGES

- We felt it like a challenge when we were working on the basic design mainly in designing Grid
- We faced a little difficulty as we were new for GITLAB and LaTeX but we did our best
- Working with tkinter also made us to feel difficult

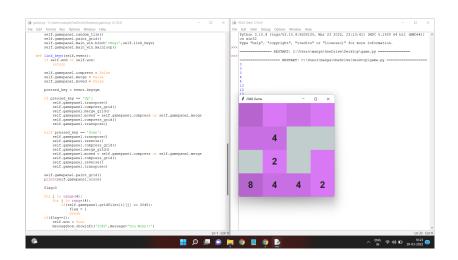
STATISTICS

Number of lines of code - 203 Number of functions - 10

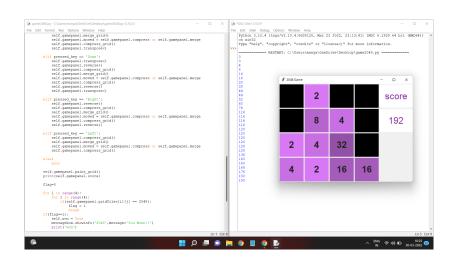
DAY 2



DAY 3



DAY 4



REPOSITORY

• https://gitlab.com/Sreeja-Nagireddi/2048.git

