#### FUTOSHIKI PUZZLE SOLVER

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### Introduction

## **Approach**

- Taking puzzle as input
- Processing it and giving solution to the user

## Challenges

- Disobeying inequalities
- Making our code generalized
- Pushing files into git

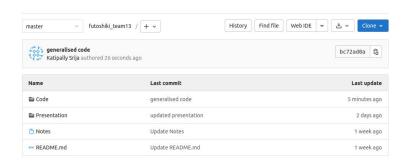
# Learnings

- Latex
- Gitlab
- Team Work
- Self learning

### Tech Stack

- OS : Windows 10, Ubuntu 16.04
- Language : Python 3.7.2
- Latex, Gitlab

### **GIT**



#### Demo

```
Enter puzzle size:
                                         Enter puzzle size:
enter the entries row wise:
5 > 0 x 0 x 0 x 3
                                         enter the entries row wise:
                                         2 < 0 > 0 x 1
0 x 0 > 1 x 0 x 2
                                         xxxxxxx
                                         0 \times 3 \times 0 < 4
                                         xxvx^xx
                                         0 x 0 x 0 x 2
                                         \times \times \times \times \times \times \times
1 x 2 x 0 x 0 x 0
                                         4 x 2 x 0 x 0
Solution:
                                         Solution:
                                         2 < 4 > 3 \times 1
                                         xxxxxxx
                                         1 \times 3 \times 2 < 4
                                         xxvx^xx
                                           XXXXXX
 x 2 x 5 x 3 x 4
                                           x 2 x 1 x 3
```

#### **Statistics**

• Total lines of code: 109

• Total functions: 15

• Commits: 61

Thank you!!!