

FIRETRUCK

October 21

Introduction

- fire department needs to reach the fire with the help of the routes provided by the fire department

Approach

There is a fire station which is in coordination with the transportation department. the fire occurs at a place and the fire department need to approach the fire by using the routes provided. some of the routes will be closed during some days so we need to wisely choose the route.

GIT Repo

The screenshot shows a web browser window displaying the GitLab interface for a repository named 'FIRETRUCK - TEAM 77'. The browser's address bar shows the URL 'gitlab.com/20wh1a0560/firetruck-team-77'. The GitLab logo and navigation menu are visible at the top. The repository page includes a sidebar with navigation links such as 'Project information', 'Repository', 'Issues', 'Merge requests', 'CI/CD', 'Security & Compliance', 'Deployments', 'Monitor', 'Infrastructure', 'Packages & Registries', 'Analytics', 'Wiki', 'Snippets', and 'Settings'. The main content area displays the repository name 'FIRETRUCK - TEAM 77' with a project ID of '30608188'. It shows statistics: 1 Commit, 1 Branch, 0 Tags, 143 KB Files, and 143 KB Storage. There are two promotional banners: one for 'Catch your security vulnerabilities ahead of time!' with a 'Learn more' button, and another for 'Auto DevOps' with an 'Enable in settings' button. Below the banners, there is a section for the 'Initial commit' by '20WH1A0560 ASAI LAXMI RISHITA' authored 20 hours ago, with a commit hash of '1d2334b3'. At the bottom, there are buttons for 'Unload File', 'README', 'Add LICENSE', 'Add CHANGELOG', 'Add CONTRIBUTING', and 'Add Kubernetes cluster'. The Windows taskbar is visible at the bottom of the browser window, showing the search bar and various application icons.

Demo/ Screen Shots



The screenshot shows an IDE window titled 'pythonProject6 - main.py'. The editor displays the following Python code:

```
1 # CASE 1 when 4th street is closest to the fire
2 print("CASE 1:")
3 # adjacent streets to the 4th street
4 List1 = [[1,2],[1,3],[5,4],[5,5],[4,6],[5,6],[2,3],[2,4],[0,0]]
5 List2 = [1,2]
6 print(List1)
7 List2 = [1,2,3,5,6]
8 print(List2)
9
```

The Run tool window at the bottom shows the execution output:

```
C:\Users\rishi\PycharmProjects\pythonProject6\venv\Scripts\python.exe C:/Users/rishi/PycharmProjects/pythonProject6/main.py
CASE 1:
(1, 2)
(1, 2, 3, 5, 6)
Process finished with exit code 0
```

The status bar at the bottom indicates 'Python 3.9 (pythonProject6)' and the system clock shows '12:22 21-10-2021'.

THANK YOU