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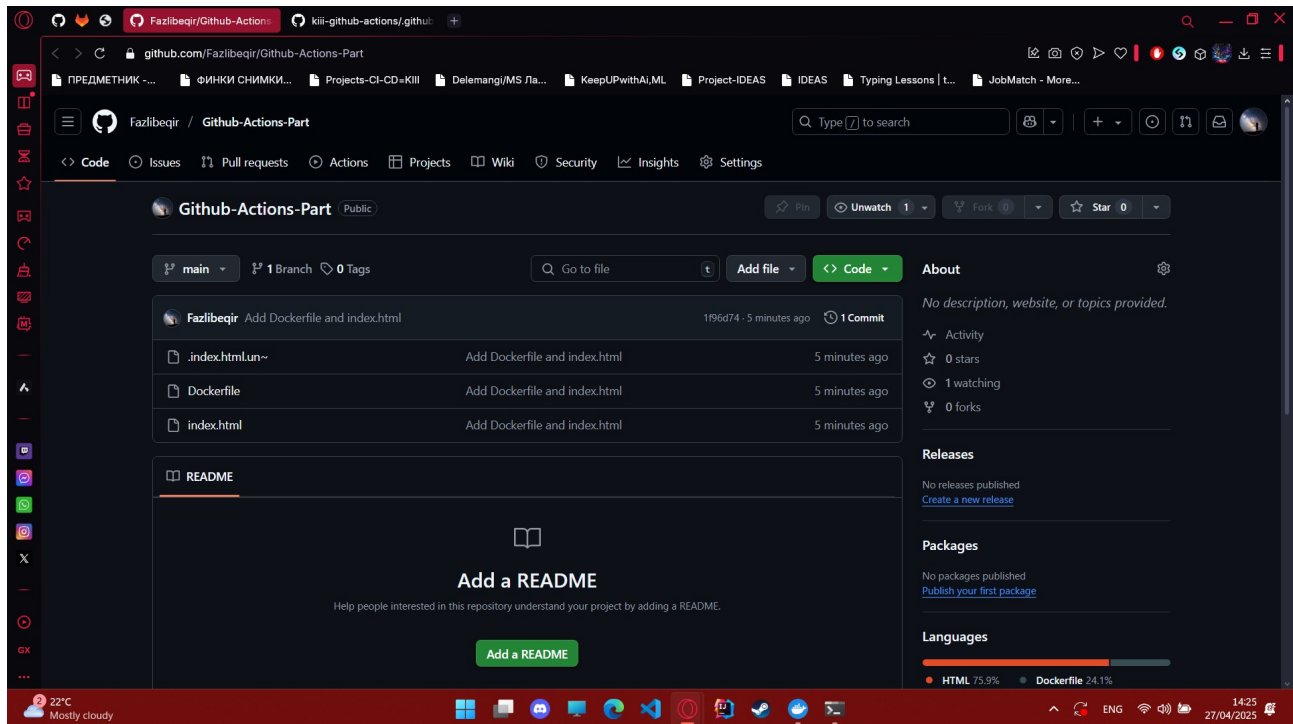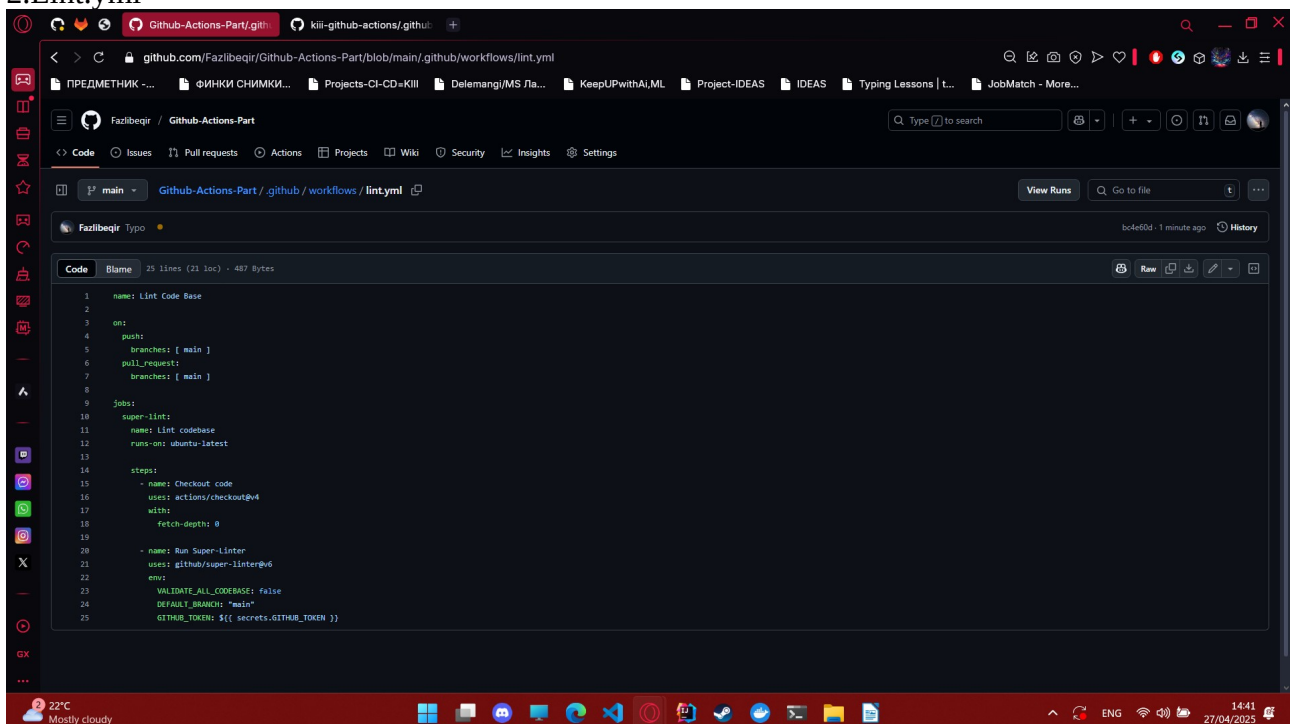
Github Actions & Gitlab CI/CD

Part 1 Github Actions

1.Github Repo without the workflow

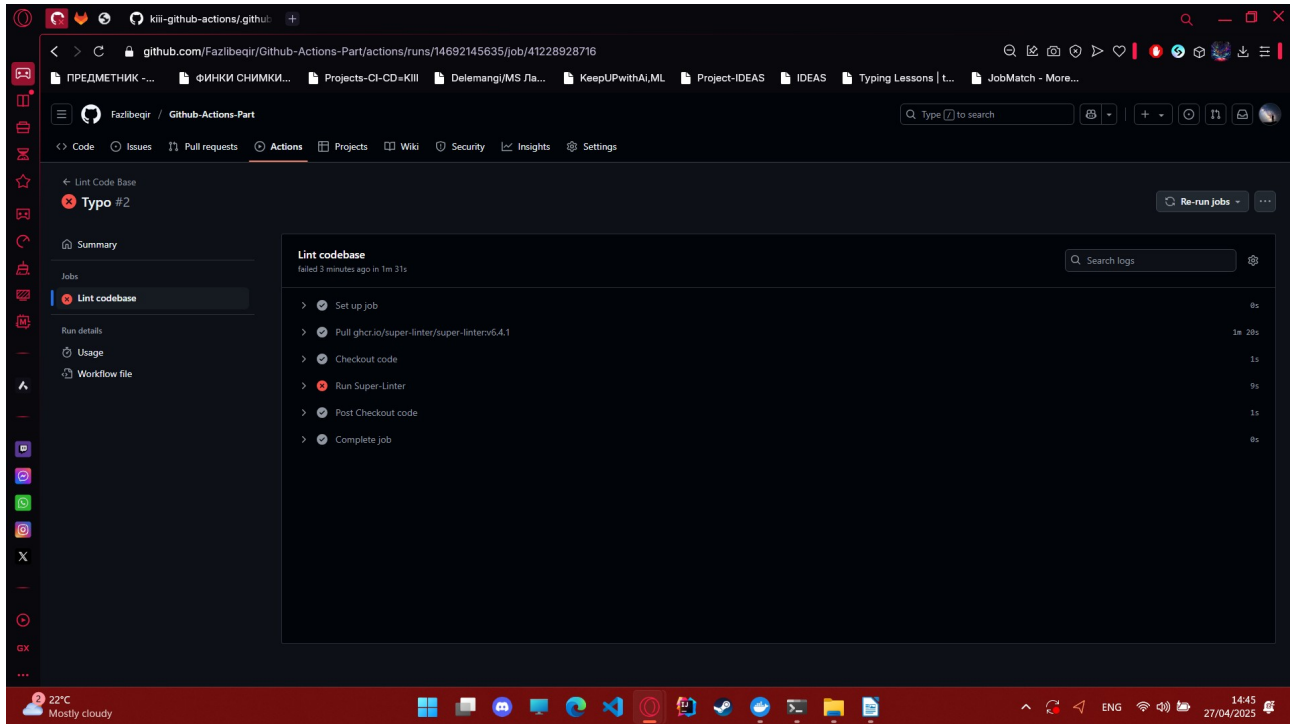

2.Lint.yml

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3.Workflow

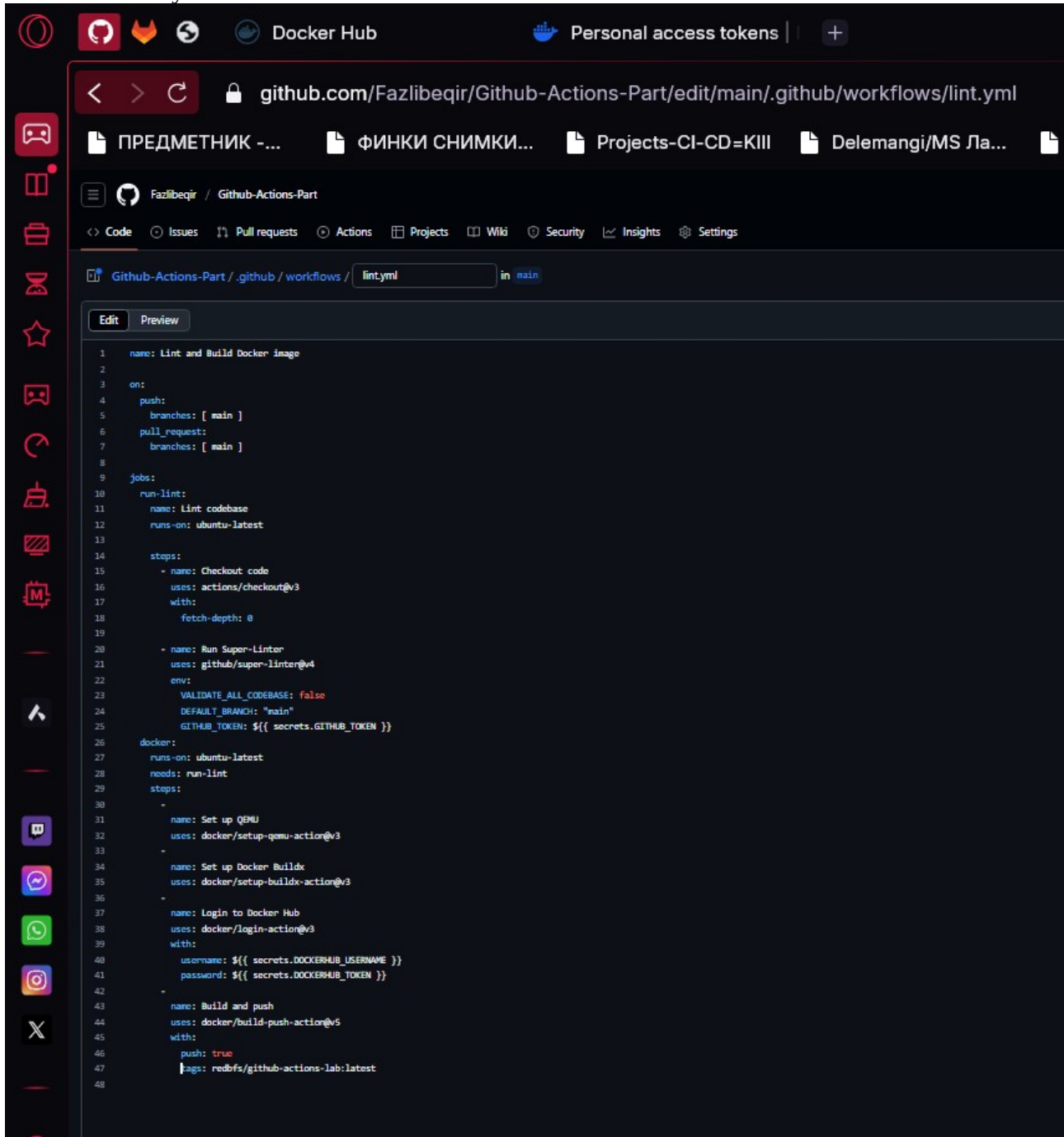## 4. Extended action (Added the secrets)
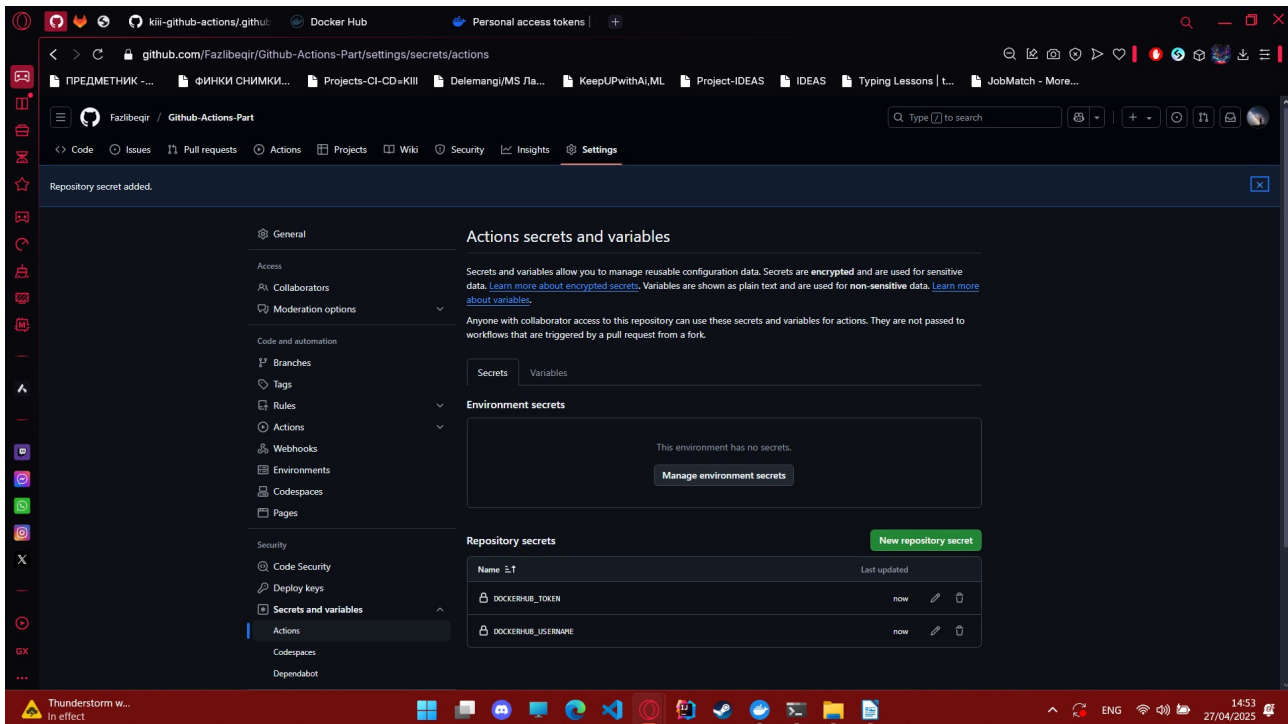
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5.Modified lint.yml


```yaml
1    name: Lint and Build Docker image
2
3    on:
4      push:
5        branches: [ main ]
6      pull_request:
7        branches: [ main ]
8
9    jobs:
10     run-lint:
11       name: Lint codebase
12       runs-on: ubuntu-latest
13
14       steps:
15         - name: Checkout code
16           uses: actions/checkout@v3
17           with:
18             fetch-depth: 0
19
20         - name: Run Super-Linter
21           uses: github/super-linter@v4
22           env:
23             VALIDATE_ALL_CODEBASE: false
24             DEFAULT_BRANCH: "main"
25             GITHUB_TOKEN: ${{ secrets.GITHUB_TOKEN }}
26     docker:
27       runs-on: ubuntu-latest
28       needs: run-lint
29       steps:
30         -
31           name: Set up QEMU
32           uses: docker/setup-qemu-action@v3
33         -
34           name: Set up Docker Buildx
35           uses: docker/setup-buildx-action@v3
36         -
37           name: Login to Docker Hub
38           uses: docker/login-action@v3
39           with:
40             username: ${{ secrets.DOCKERHUB_USERNAME }}
41             password: ${{ secrets.DOCKERHUB_TOKEN }}
42         -
43           name: Build and push
44           uses: docker/build-push-action@v5
45           with:
46             push: true
47             tags: redbfs/github-actions-lab:latest
48
```

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6.Success

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Part 2 Gitlab CI/CD

1.Gitlab without ci/cd
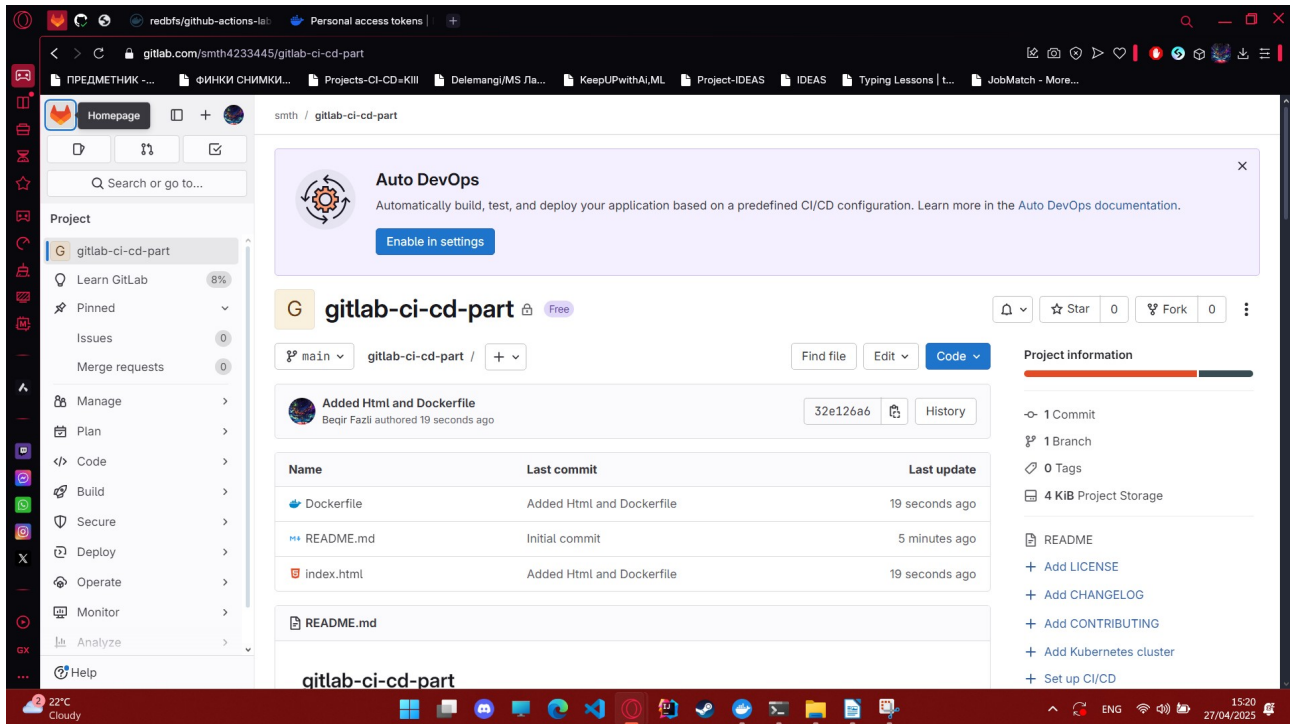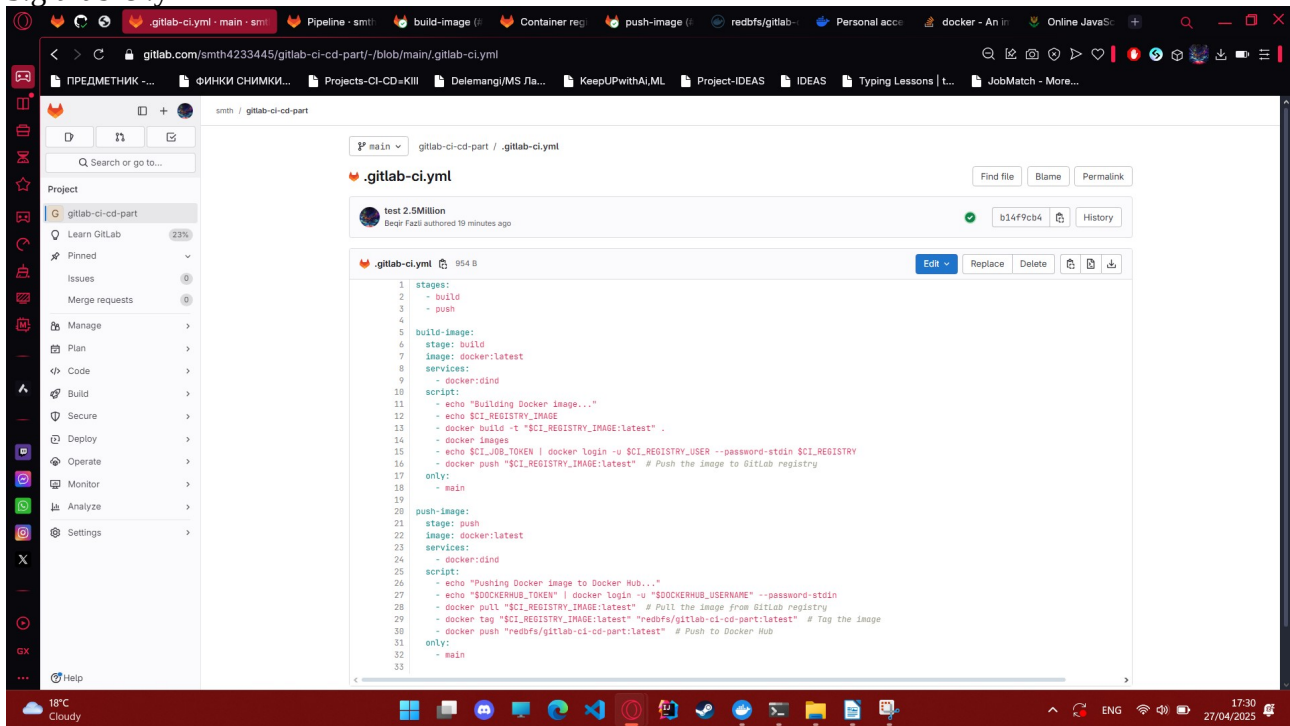

2.Added Variables
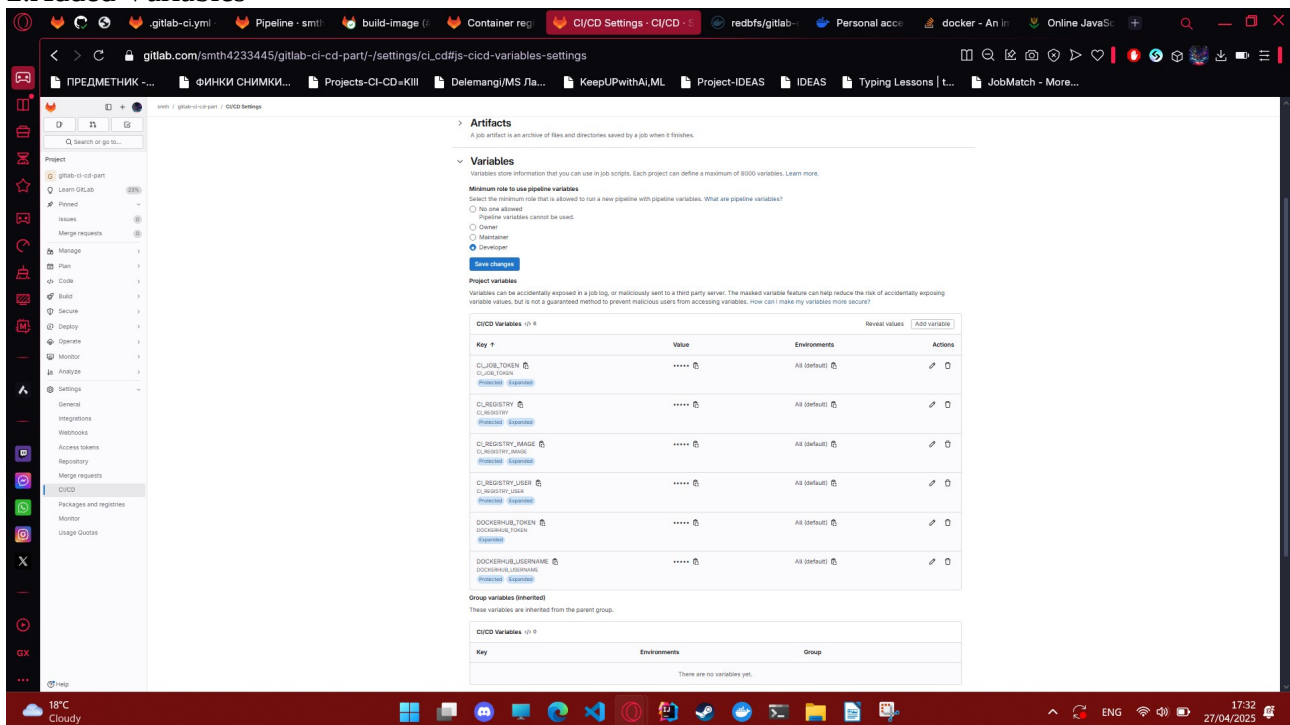
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3.github-ci.yml

4. Running the pipeline

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5.Success