Workflow

main.yml
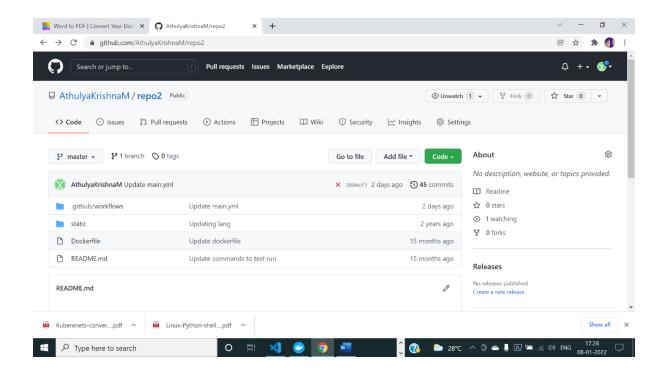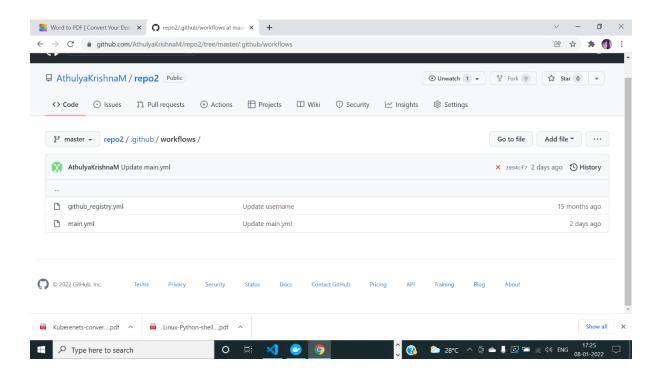
```yaml
name: CI

# Controls when the workflow will run
on:
  # Triggers the workflow on push or pull request events but only for
the master branch
  push:
    branches:
      'master'
  pull_request:
    branches: [ master ]

  # Allows you to run this workflow manually from the Actions tab
  workflow_dispatch:

# A workflow run is made up of one or more jobs that can run
sequentially or in parallel
jobs:
  # This workflow contains a single job called "build"
  build:
    # The type of runner that the job will run on
    runs-on: ubuntu-latest

    # Steps represent a sequence of tasks that will be executed as part
of the job
```

```yaml
    steps:
      # Checks-out your repository under $GITHUB_WORKSPACE, so your job
can access it

      - name: Checkout
        uses: actions/checkout@v2

      - name: Login to Docker Hub
        uses: docker/login-action@v1
        with:
          username: ${{ secrets.DOCKER_HUB_USERNAME }}
          password: ${{ secrets.DOCKER_HUB_ACCESS_TOKEN }}

      - name: Set up Docker Buildx
        uses: docker/setup-buildx-action@v1

      - name: Build and push
        uses: docker/build-push-action@v2
        with:
          context: .
          file: ./Dockerfile
          push: true
          tags: ${{ secrets.DOCKER_HUB_USERNAME }}/simplewhale:latest
```

registry.yml

```yaml
name:
CI to
GHCR

on:
  push:
    branches: [ master ]

jobs:

  build:
    runs-on: ubuntu-latest
    steps:
      -
        name: Checkout
        uses: actions/checkout@v2
      -
        name: Set up Docker Buildx
        id: buildx
        uses: docker/setup-buildx-action@v1
```

```yaml
    -
      name: Cache Docker layers
      uses: actions/cache@v2
      with:
        path: /tmp/.buildx-cache
        key: ${{ runner.os }}-buildx-${{ github.sha }}
        restore-keys: |
          ${{ runner.os }}-buildx-

    -
      name: Login to ghcr
      if: github.event_name != 'pull_request'
      uses: docker/login-action@v1
      with:
        registry: ghcr.io
        username: ${{ github.repository_owner }}
        password: ${{ secrets.ghcr_TOKEN }}
    -
      name: Build and push
      id: docker_build
      uses: docker/build-push-action@v2
      with:
        context: ./
        file: ./Dockerfile
        builder: ${{ steps.buildx.outputs.name }}
        push: true
        tags: ghcr.io/usha-mandya/simplewhale:latest
        cache-from: type=local,src=/tmp/.buildx-cache
        cache-to: type=local,dest=/tmp/.buildx-cache
    -
      name: Image digest
      run: echo ${{ steps.docker_build.outputs.digest }}
```

<u>Secret keys</u>

Integrations

Deploy keys

Actions

Environments

Secrets

Actions

Dependabot

Pages

Moderation settings

Encrypted environment secrets allow you to store sensitive information, such as access tokens, in your repository environments.

Manage your environments and add environment secrets

Repository secrets

🔒 DOCKER_HUB_ACESS_TOKEN	Updated 2 days ago	Update	Remove
🔒 DOCKER_HUB_USERNAME	Updated 2 days ago	Update	Remove

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