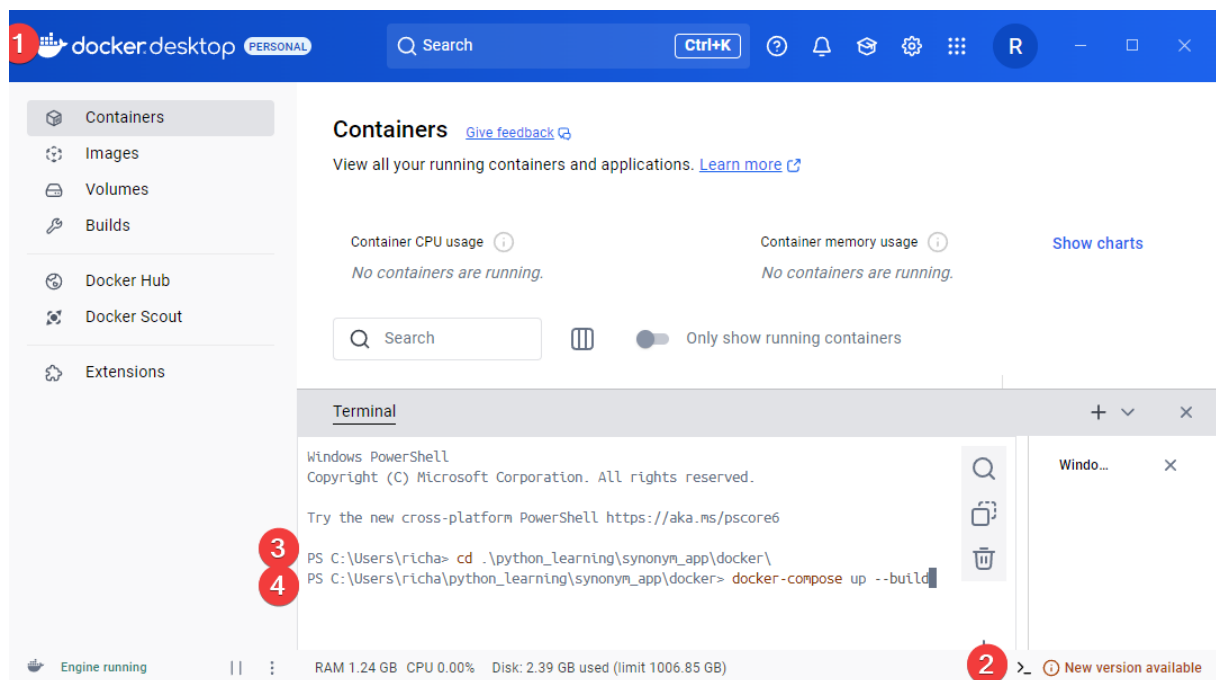Deploy and Use the Synonym App

This application helps users find synonyms for words and word combinations through multiple API sources. It provides 3-10 relevant synonyms for your search terms through a simple web interface.

When deploying and using this application, ensure you have:

- Docker Desktop installed
- Downloaded and unzipped Synonym App
- Active internet connection
- API Ninjas key (signup at api-ninjas.com, add to .env file as API_NINJAS_KEY=your_key)Deploy Application

To Start synonym app:

1. Start **Docker Desktop**
2. Open **terminal** in Docker by clicking the **>_** symbol (click Enable when asked)
3. Navigate to the '**docker**' folder inside your unzipped **'synonym_app'** folder using command: 'cd [path_where_you_unzipped_app]/synonym_app/docker'
4. Execute command: `docker-compose up --build`
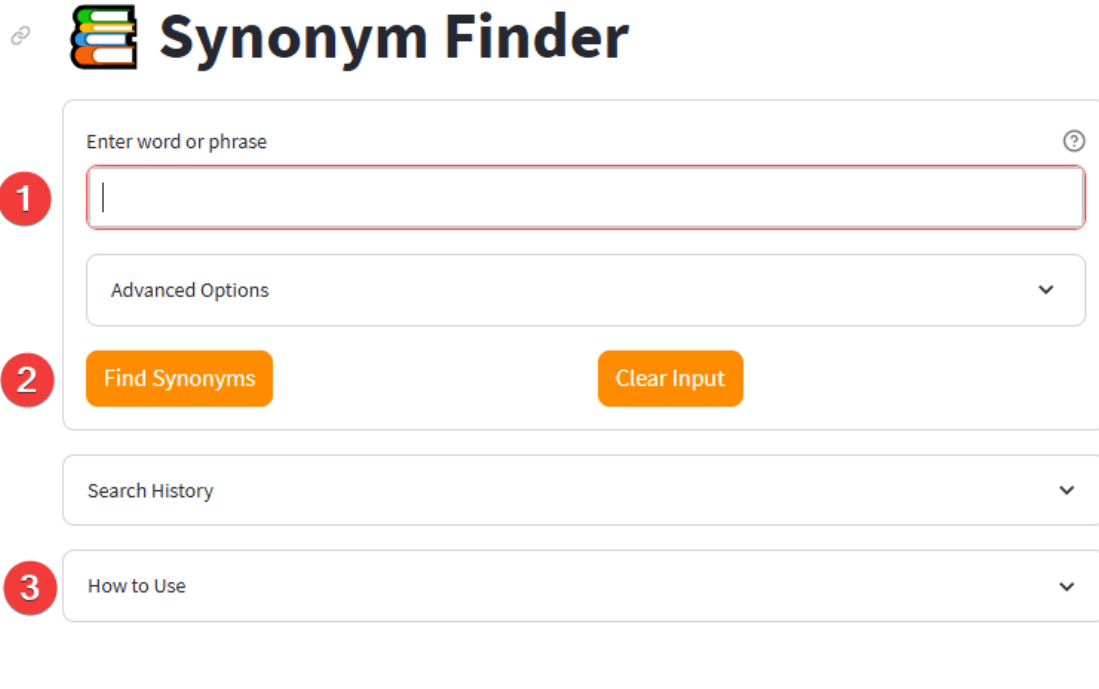5. Wait for the "Application startup complete" message

To access and Use Application:

1. Open your **web browser** and navigate to http://localhost:8501
2. Wait till the application loads

To verify successful deployment:

1. Enter word or phrase in the **search field**
2. Click **"Find Synonyms"** button
3. For additional features and settings, click **"How to use"** dropdown

Using application, you will get:

1. Generated synonyms (3-10 words) from either API Ninjas or Datamuse source
2. For multiple word search:
    a. Individual synonyms for each word
    b. Combined synonyms of both words together

Links

1. API Documentation: http://localhost:8000/docs
2. API Ninjas: https://api-ninjas.com/
3. Datamuse API: https://www.datamuse.com/api/
4. Support Contact: richard.cibere@seznam.cz
5. GitHub Repository: https://github.com/IluCZ/synonym_app.git
6. Docker Documentation: https://docs.docker.com/