

Assignment

Answer the following Question:

You are a developer, and you need Dockerfile for an application that uses node and Redis.

Create Dockerfile defines a Docker image that is based on the Alpine version of the Node.js Docker image(**node:alpine**). The working directory for the application is set to **/app**. The **package.json** file should be copied to that directory for installing packages with **npm install** command, which installs all the dependencies for the Node.js application. All the application files and directories should be copied to that directory.

The **npm start** command is used to start the application on port 3000, which should be executed once the container is up and running. Then create docker compose file defines the used services and build any custom images.

The app uses the latest image from the official Redis Docker repository (**redis**). The node service sets the restart policy to always. This ensures that the node container is automatically restarted if it crashes or is stopped for any reason. Once the containers are running, you can access your app at <http://localhost:3000>.

Hint:

- Use **restart: "always"** command under the service defined in the compose file to make it restart.