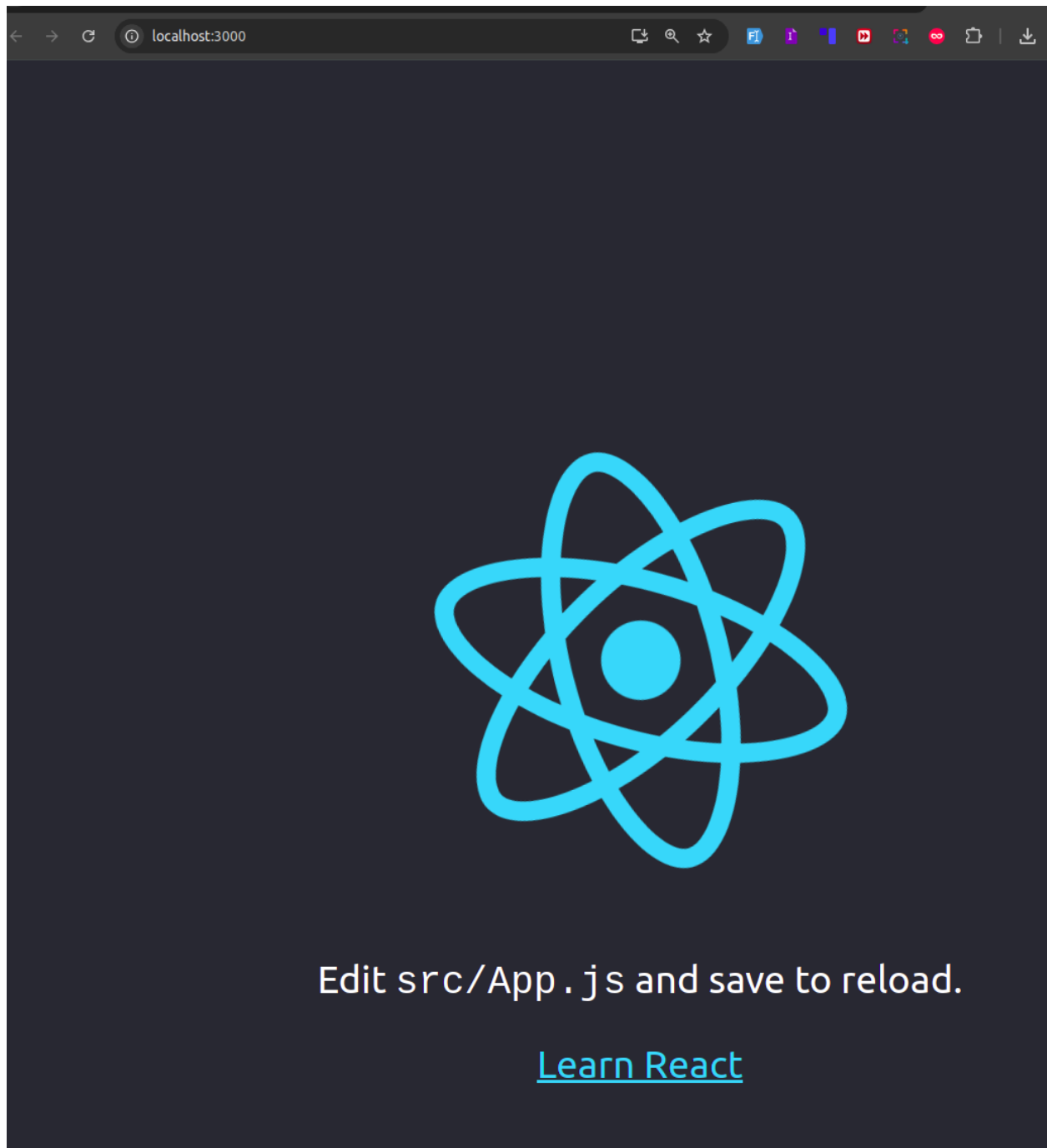
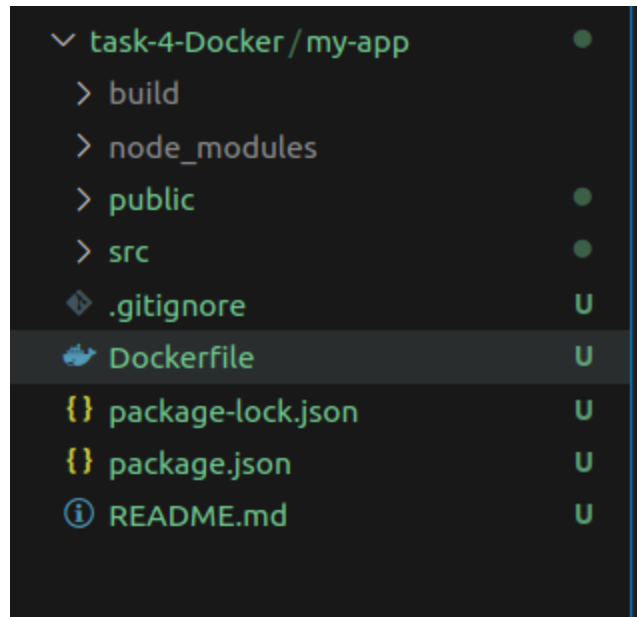


```
npx create-react-app my-app
```

```
Npm i
```

```
Npm start (for testing)
```





```
=> CACHED [builder 2/6] WORKDIR /app
=> CACHED [builder 3/6] COPY package.json ./
=> CACHED [builder 4/6] RUN npm install
=> [builder 5/6] COPY . .
=> [builder 6/6] RUN npm run build
=> CACHED [stage-1 2/3] RUN rm -rf /usr/share/nginx/html/*
=> CACHED [stage-1 3/3] COPY --from=builder /app/build /usr/share/nginx/html
=> exporting to image
=> => exporting layers
=> => writing image sha256:065fc15ab28a22153cfcc820b14e0b3e4da4f1c09b04ecbb99633287d4d5fe3f
=> => naming to docker.io/library/react-docker-app
```



localhost:3002



```
# ----- Stage 1: Build the React App -----  
FROM node:18-alpine AS builder  
  
# Set working directory inside the container  
WORKDIR /app  
  
# Copy package.json and install dependencies  
COPY package.json ./  
RUN npm install  
  
# Copy the entire source code  
COPY . .  
  
# Build the app  
RUN npm run build  
  
# ----- Stage 2: Serve with nginx -----  
FROM nginx:alpine  
  
# Remove default nginx static files  
RUN rm -rf /usr/share/nginx/html/*  
  
# Copy built React files from the builder stage  
COPY --from=builder /app/build /usr/share/nginx/html  
  
# (Optional) Copy a custom nginx config  
# COPY nginx.conf /etc/nginx/conf.d/default.conf  
  
# Expose port 80  
EXPOSE 80  
  
# Start nginx  
CMD ["nginx", "-g", "daemon off;"]
```