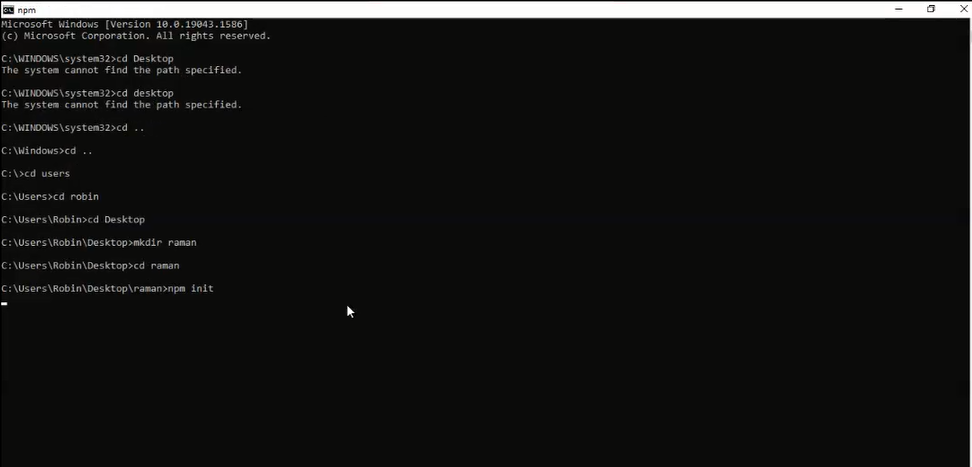
**Pre-Requisites: Docker,Node js**

**Steps:**

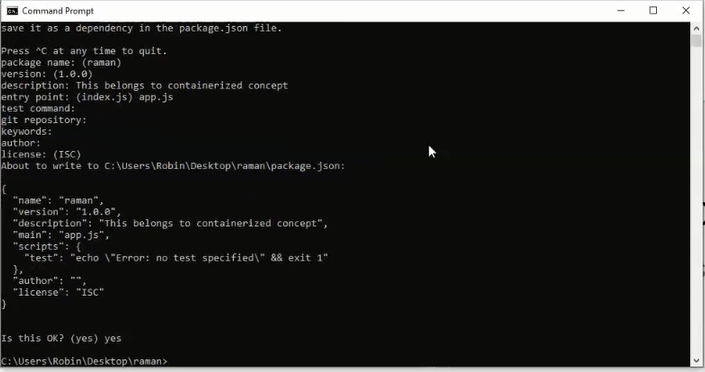
**Create a Node js application**

**Steps:**

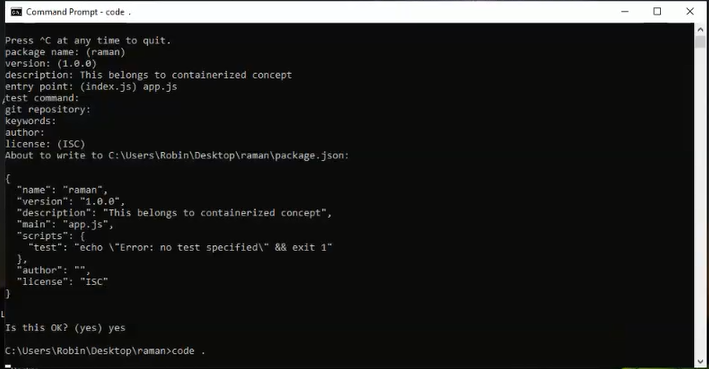
1. **Open cmd**
2. **To create basic node js project make dir using command mkdir raman on desktop**
3. **Go inside this folder and initialize npm using command npm init**

****

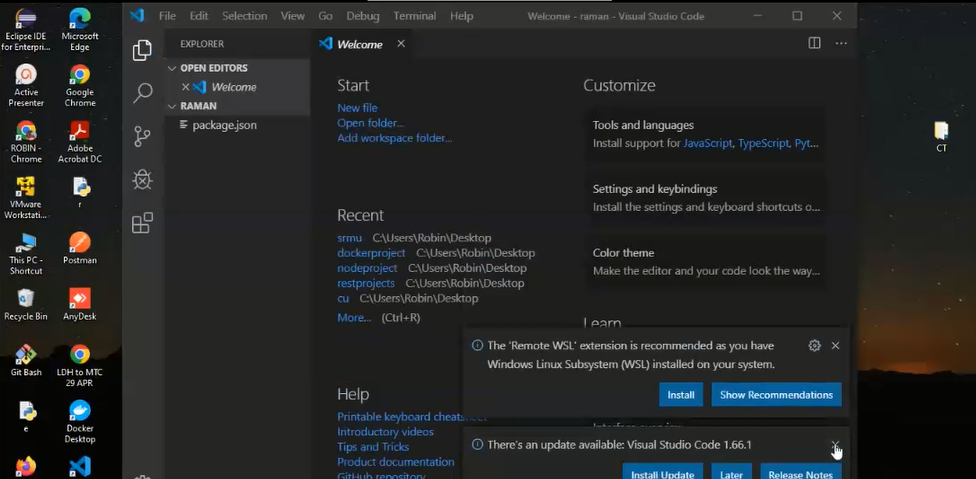
1. **Initialize the settings for package.json**

****

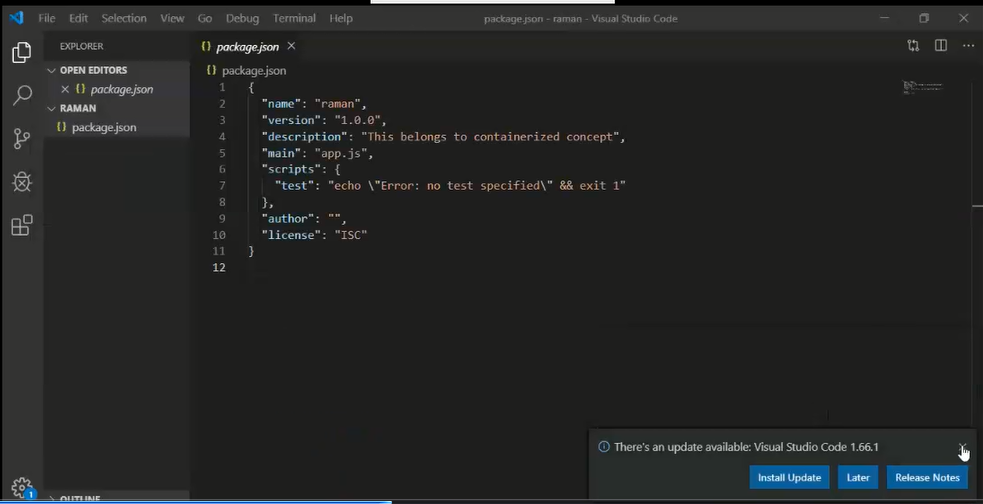
1. **To open the code in visual studio give command code .**

****

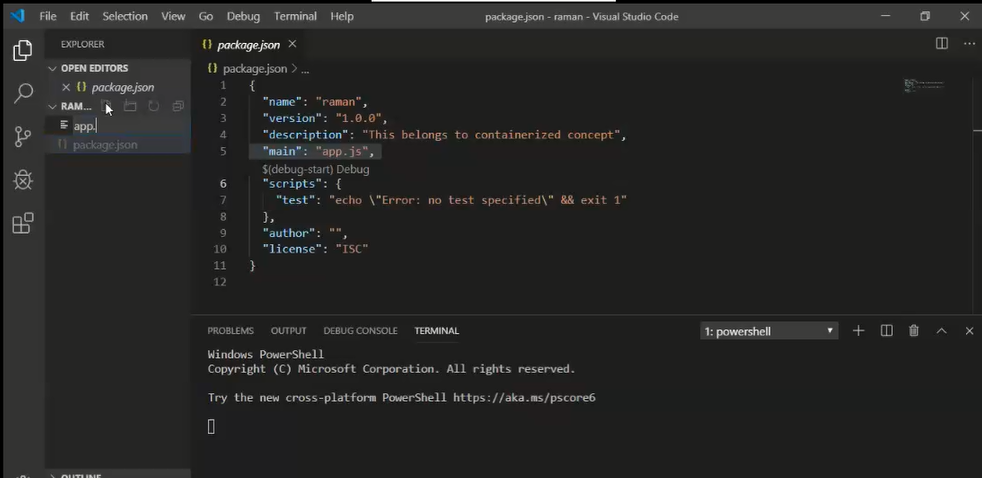
1. **Open Visual Studio**

****

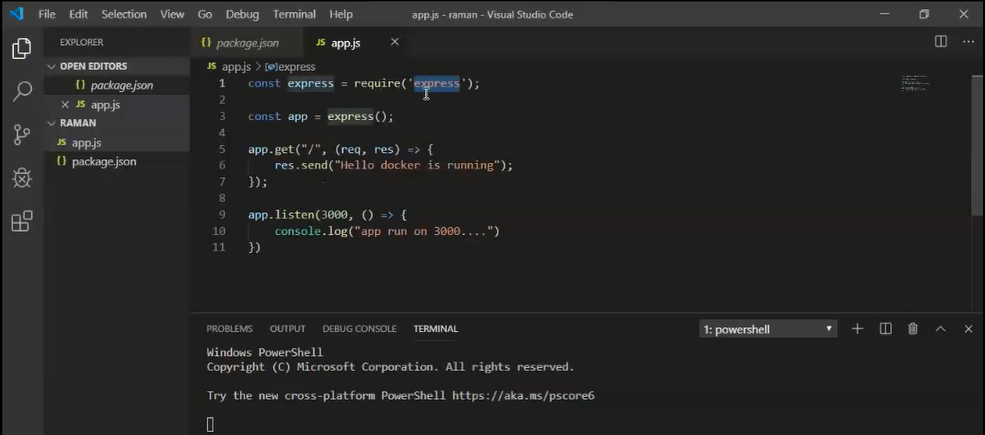
1. **Open package.json**

****

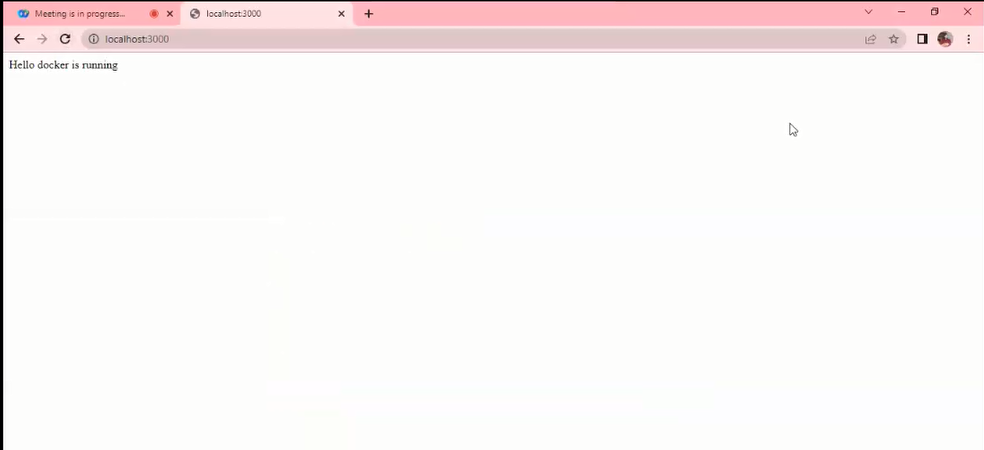
1. **Open terminal and create new file through command or create new file through option available inside raman folder**

****

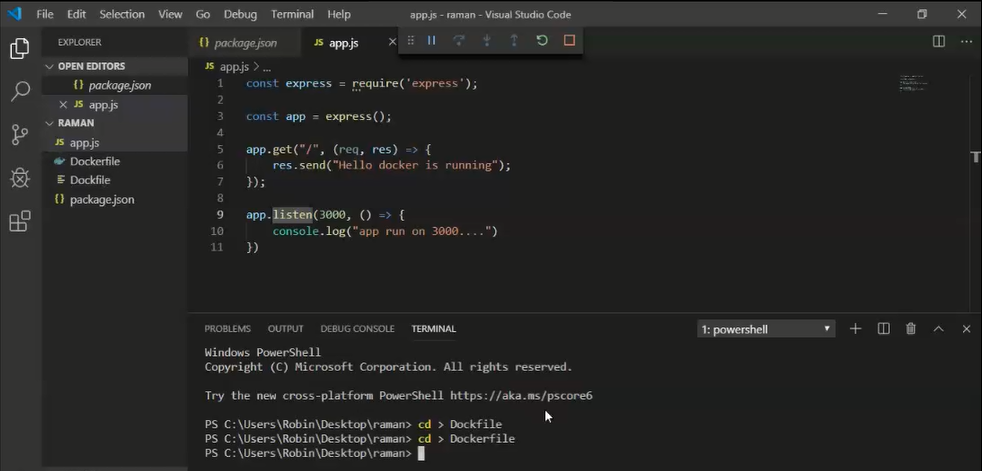
1. **Put sample express code in app.js**

****

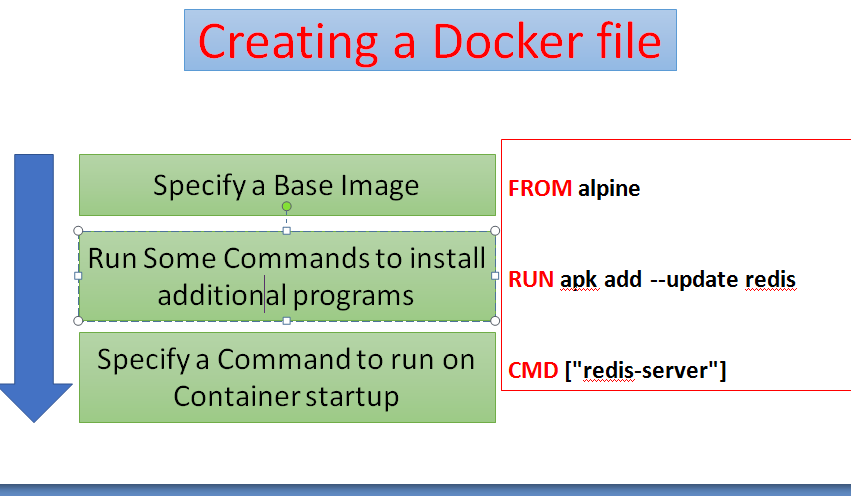
1. **Test sample app without container concept initially**

****

1. **Create Dockerfile**

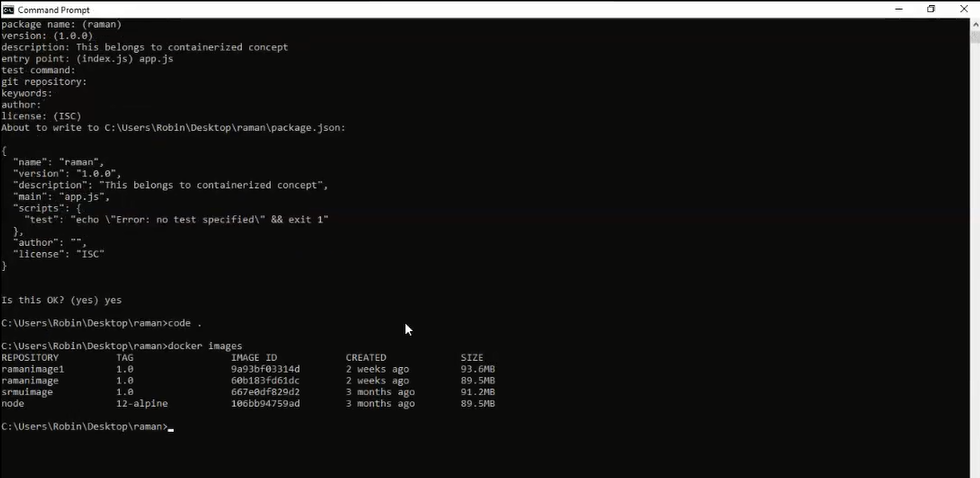
****

1. **Example Dockerfile**

****

**Dockerfile commands to create image from app.js**

1. **Run command to check for present docker images**

****

1. **Run command to create an image using docker file**

# Base Image

FROM node:14-alpine

# Create app directory

WORKDIR /usr/src/app

# Install app dependencies

COPY package\*.json ./

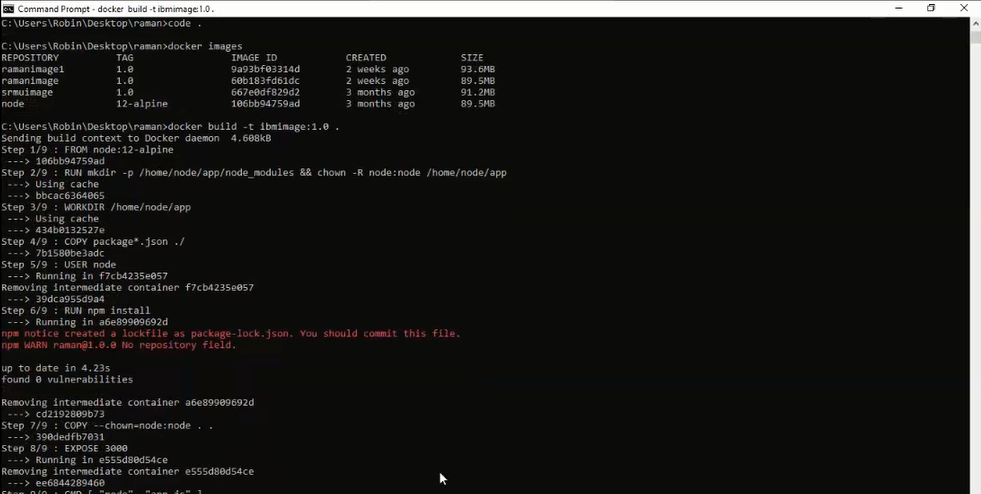
RUN npm install

# Bundle app source

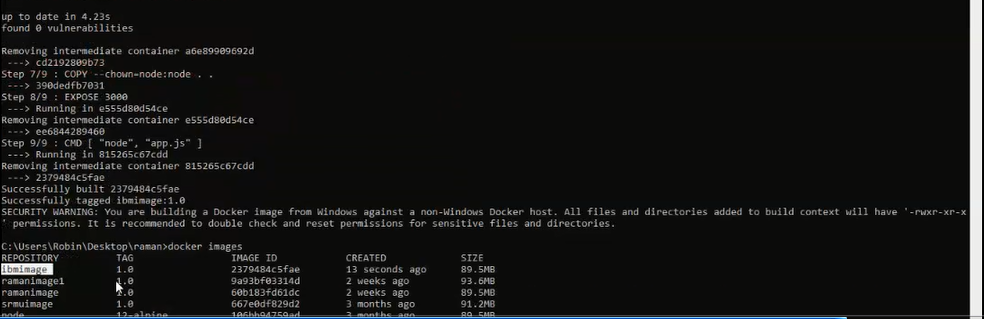
COPY . .

EXPOSE 8080

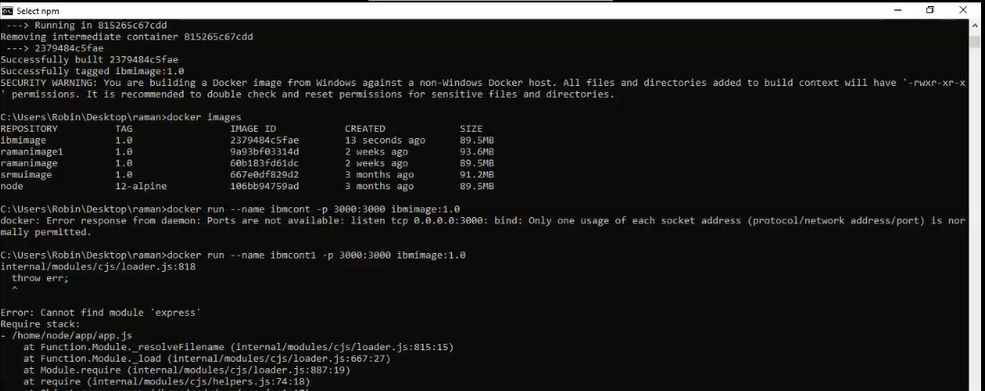
CMD [ "node", "server.js" ]

****

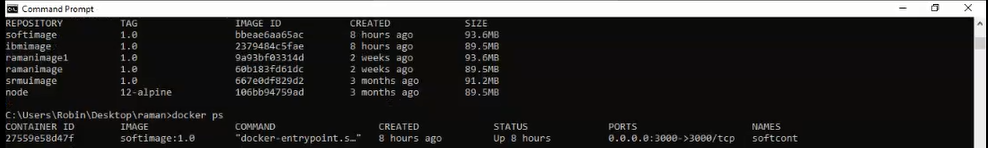
**15.)Again check if the image is created**

****

1. **Create container for the image file to deploy it**

****

1. **Check for the container**

****