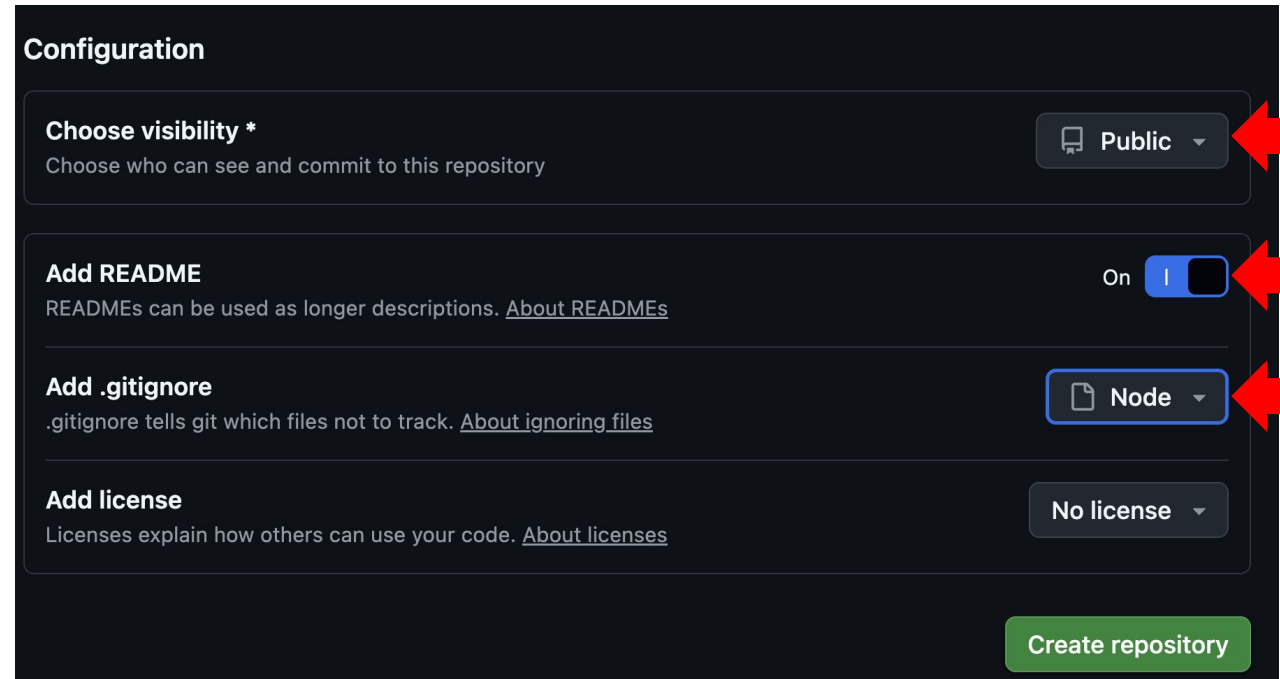aws

ROI Training

Lab:
Setting up GitHub and Docker Hub

Logging into GitHub

- This course uses GitHub and GitHub Codespaces
  - You will need a GitHub account to perform the activities

- **If you have a GitHub account** you can use for this class, log into your account: www.github.com

- **If you do not have a GitHub account** you can use for this class, create a new GitHub account:
  - Go to www.github.com and sign up using an email address you have access to

ROI Training

Creating a GitHub Repository

- In GitHub, create a new repository, with the following settings:
  - Repository name: `eventsapp`
  - Set *visibility* to **Public**
  - Set *Add README* to **On**
  - Add a *.gitignore* for **Node**

- Make a note of the repo address (copy and save it somewhere)

ROI Training

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Launch Codespaces

- Once the repo is created, click the navigational menu at the top left
  - And select **Codespaces**

- Click the **New codespace** button and set:
  - The repository to the **eventsapp** you just created
  - Branch: **main**
  - Region: something close to you
  - Machine type: **2-core**
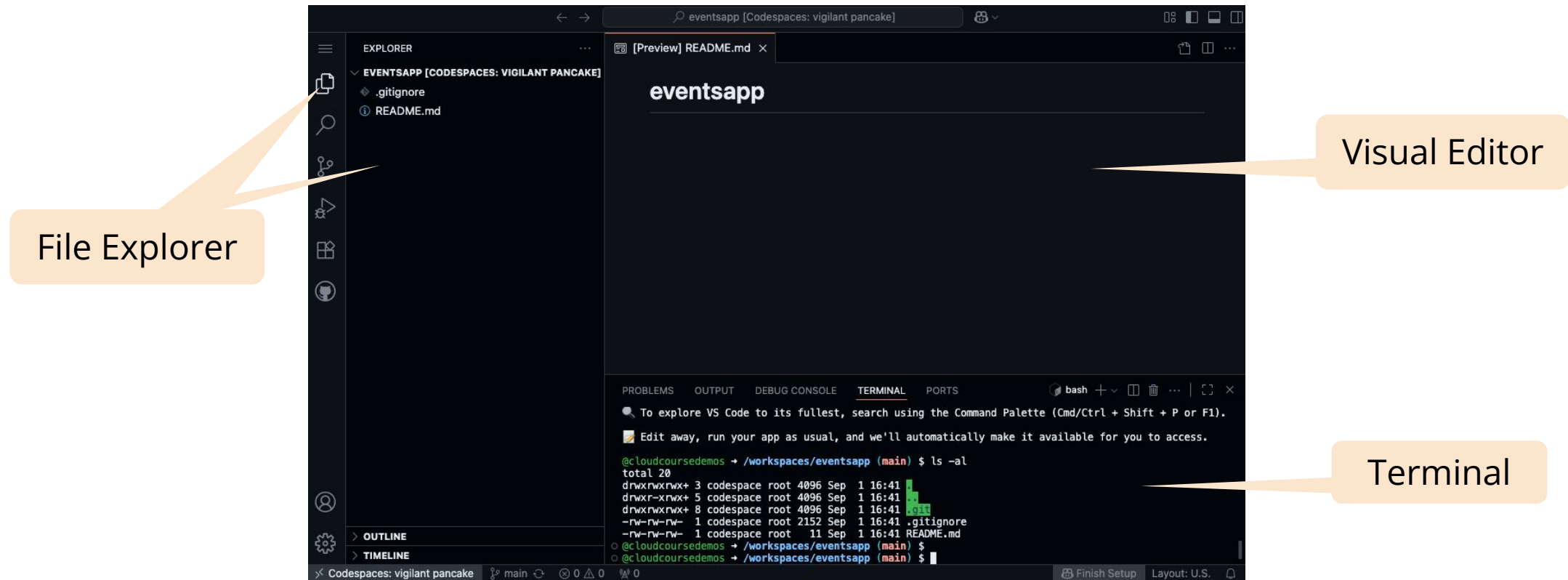 - Click the **Create codespace** button
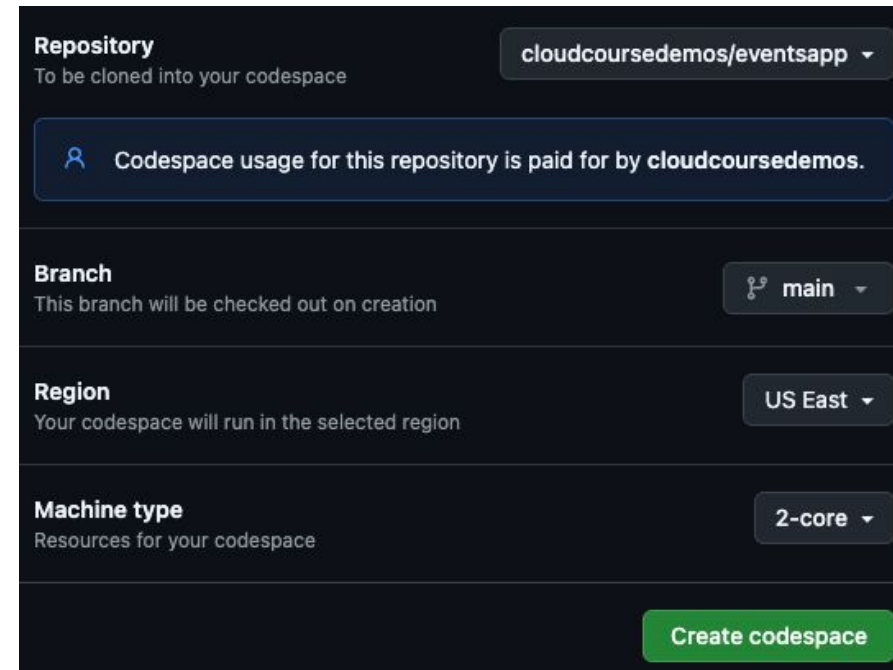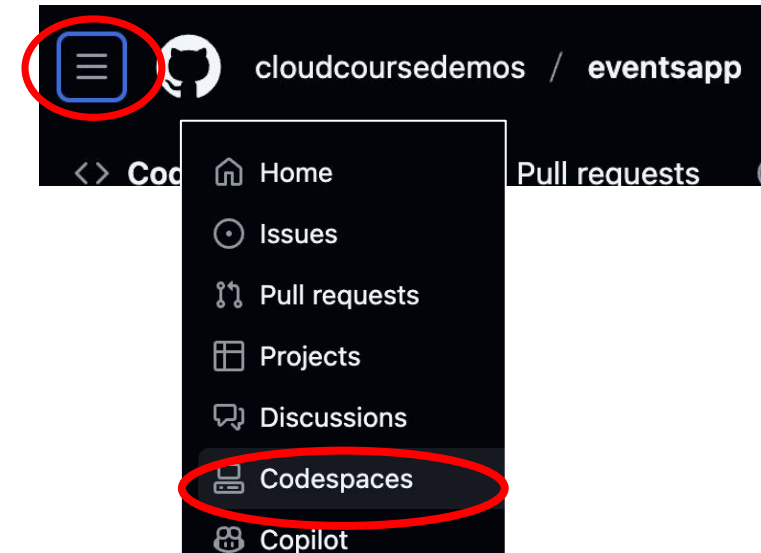
Launch Codespaces (continued)

- You should see a codespaces screen similar to below:

Visual Editor

File Explorer

Terminal

- In the terminal window, type: `ls -al`
- In the File Explorer, click the `.gitignore` to view it in the visual editor

Codespaces Preinstalled Software

- Codespaces comes with most software needed for this course preinstalled
  - Git
  - Docker
  - node.js
  - kubectl
  - Helm
  - Minikube

- Feel free to experiment in the terminal window

- Codespace sessions turn off after 30 minutes in inactivity
  - No files are lost and you just turn it back on when needed

ROI Training

Logging into Docker Hub

- This course uses Docker Hub to store container images

- **If you have a Docker Hub account** you can use for this class, log into your account: hub.docker.com

- **If you do not have a Docker Hub account** you can use for this class, create a new Docker Hub account:
  - Go to hub.docker.com and sign up using an email address you have access to
  - Be sure to check your email and verify your account

- There is nothing to do just yet, just ensure you have an account to use in the class

Success!

- **Congratulations**! You have successfully set up GitHub and DockerHub