On macOS and Linux

1. Open up a terminal window.

2. Download the `jenkinsci/blueocean` image and run it as a container in Docker using the following `docker run` command:

```
docker run \
  -u root \
  --rm \   ①
  -d \ ②
  -p 8080:8080 \ ③
  -v jenkins-data:/var/jenkins_home \ ④
  -v /var/run/docker.sock:/var/run/docker.sock \
  jenkinsci/blueocean ⑤
```

① (*Optional*) Automatically removes the Docker container (which is the instantiation of the `jenkinsci/blueocean` image below) when it is shut down. This keeps things tidy if you need to quit Jenkins.

② (*Optional*) Runs the `jenkinsci/blueocean` container in the background (i.e. "detached" mode) and outputs the container ID. If you do not specify this option, then the running Docker log for this container is output in the terminal window.

③ Makes (i.e. "publishes") port 8080 of the `jenkinsci/blueocean` container to port 8080 on the host machine. The 1st number represents the port on the host while the 2nd represents the container's port. Therefore, if you specified `-p 49001:8080` for this option, you would be accessing Jenkins on your host machine through port 49001.

④ Maps the `/var/jenkins_home` directory in the container to the Docker volume with the name `jenkins-data`. If this volume does not exist, then this `docker run` command will automatically create the volume for you.
Notes: This volume could also be created independently using the `docker volume create` command:
`docker volume create jenkins-data`
Instead of mapping the `/var/jenkins_home` directory to a Docker volume, you could also map this directory to one on your machine's local file system. For example, specifying the option `-v $HOME/jenkins:/var/jenkins_home` would map the container's `/var/jenkins_home` directory to the `jenkins` subdirectory within the `$HOME` directory on your local machine, which would typically be `/Users/<your-username>/jenkins` or `/home/<your-username>/jenkins`.

⑤ The `jenkinsci/blueocean` Docker image itself. If this image has not already been downloaded, then this `docker run` command will automtically download the image for you. Furthermore, if any updates to this image were published since you last ran this command, then running this command again will automatically download these published image updates for you.
Note: This Docker image could also be downloaded (or updated) independently using the `docker pull` command:
`docker pull jenkinsci/blueocean`

Note: If copying and pasting the command snippet above does not work, try copying and pasting this annotation-free version here: