The first step is to download and install Docker. Follow the installation procedure recommended at docker.com, or, if you are using Linux, refer to your distribution for information on the installation process.

Once installed, make sure Docker works by typing `docker info` in a shell.

## Running with our precompiled image

We recommend that you use our precompiled image to run the fuzzingbook locally. Our precompiled image is available in the DockerHub servers and you can pull it with the following command.

```
docker pull se4367/fuzzing-book
```

Once the download is complete you can run the image with:

```
docker run -d -p 8888:8888 --name fuzzing-book-instance se4367/fuzzing-book
```

And copy the link from the terminal into your browser to execute it. If you don't see a link you can execute:

```
docker exec -it fuzzing-book-instance jupyter notebook list
```

Once the container is started it will keep running in the background until you stop it.

Please submit your screenshot of your command line result on eLearning by March 21st 11:59 PM. Please also contact TA Simin Chen (sxc180080@utdallas.edu) if you have any question.

This is an example of the screenshot:

```
PS D:\Git\fuzzingbook\deploy> docker pull se4367/fuzzing-book
Using default tag: latest
latest: Pulling from se4367/fuzzing-book
Digest: sha256:9fa90024765b30c4416328d2a281bc0223f4671b53c16f4988e5589f3f67d346
Status: Image is up to date for se4367/fuzzing-book:latest
docker.io/se4367/fuzzing-book:latest
PS D:\Git\fuzzingbook\deploy> docker run -d -p 8888:8888 --name fuzzing-book-instance se4367/f
uzzing-book
55b0c656c73d2dd0a463dfb43d761b328c098e124cf744d59899e70686e92abb
PS D:\Git\fuzzingbook\deploy> docker exec -it fuzzing-book-instance jupyter notebook list
Currently running servers:
http://0.0.0.0:8888/?token=8baca5ac19f1214ccf1271b1c96d99543156990fc8a08adb :: /home/jovyan/fu
zzingbook
PS D:\Git\fuzzingbook\deploy> _
```