

# Exercise Solution

In this lesson, we will go over the step-by-step solution for the exercise: Build an Image and Run It.

- Create a file named *Dockerfile* and add the following code to it:

```
FROM node:11-alpine  
  
COPY compute.js .  
  
CMD node compute.js
```

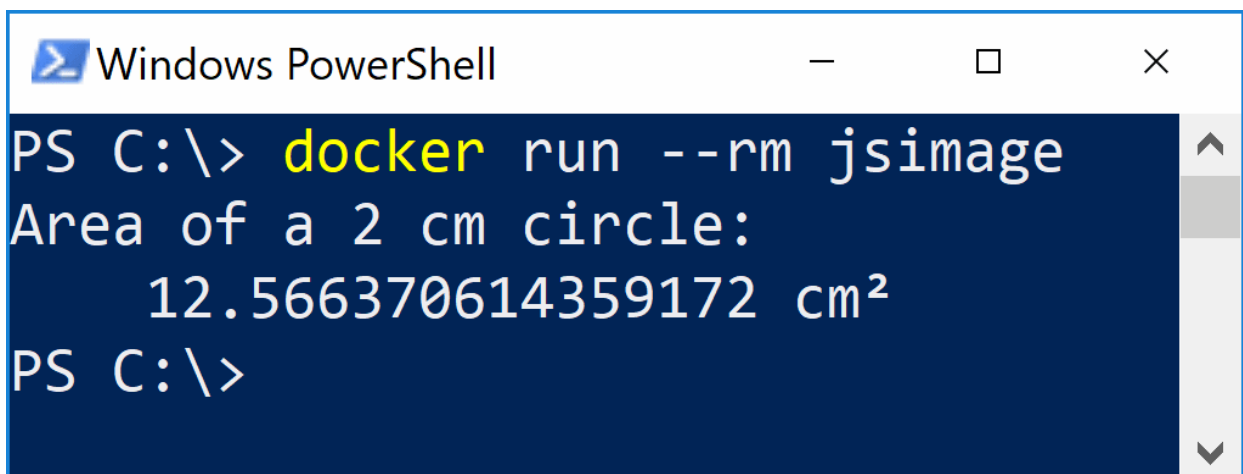
- Open a command-line. Change the current directory to the directory where you created the *Dockerfile* and the *compute.js* file
- Run the following command:

```
docker build -t jsimage .
```

- Once the image has been built, run the following command:

```
docker run --rm jsimage
```

- You can see an output similar to the one below:



```
Windows PowerShell  
PS C:\> docker run --rm jsimage  
Area of a 2 cm circle:  
      12.566370614359172 cm2  
PS C:\>
```

In the next lesson, let's start our discussion on tags.