Spark is a complex application with several components, and installing it can be challenging. Luckily, there are a few Spark Docker *images* that you can use. Dr. Sanchez mentions two of these Spark Docker *images* in [Video 19.2](https://classroom.emeritus.org/courses/10605/pages/creating-spark-docker-images-and-containers-05-21): Big Data Europe and Bitnami. You will be using the Docker *image* provided by Bitnami for this activity.

Before beginning this activity, review the submission instructions below to ensure that you collect the required screenshots as you progress through the activity.

**To complete this activity, follow these steps:**

1. Open Docker Desktop on your machine. Provide a screenshot to show that you have no *containers* running.
2. Create a new folder called bitnami. Provide a screenshot to show that you successfully created the bitnami folder.
3. Open a command prompt window and navigate to the bitnami folder. Run the following curl command to download the docker-compose.yml file:

| curl https://raw.githubusercontent.com/bitnami/containers/main/bitnami/spark/docker-compose.yml -o docker-compose.yml |
| --- |

1. Provide a screenshot to show that you successfully ran the curl command to download the docker-compose.yml file.
2. List the contents of the bitnami folder to verify that the docker-compose.yml file has been created. Provide a screenshot to show the contents of the Spark folder within the docker-compose.yml file.
3. From the command prompt inside the bitnami folder, run the following command:

| docker-compose up |
| --- |

1. Provide a screenshot to show that you successfully ran the docker-compose command.
2. Provide a screenshot of your Docker Desktop to show that the Spark Docker *containers* are running.
3. Open your browser to the following URL:

| http://localhost:8080/ |
| --- |

1. Provide a screenshot to show that you successfully opened your browser to the Spark webpage.

Congratulations. You have successfully completed Activity 19.1 to set up a Spark Docker *container* and you are now ready to start working with Spark.

**Submission Instructions:**

Your submission for this activity should be a Word document that includes the following screenshots, each labeled for the step that the screenshot represents:

1. Provide a screenshot to show that you have no *containers* running on your Docker Desktop.
2. Provide a screenshot to show that you successfully created the bitnami folder.
3. Provide a screenshot to show that you successfully ran the curl command to download the docker-compose.yml file.
4. Provide a screenshot to show the contents of the Spark folder within the docker-compose.yaml file.
5. Provide a screenshot to show that you successfully ran the docker-compose command.
6. Provide a screenshot of your Docker desktop to show that the Spark Docker *containers* are running.
7. Provide a screenshot to show that you successfully opened your browser to the Spark webpage.