Jupyter homework.

First, I downloaded the all-spark-notebook image, using the docker pull jupyter/all-spark-notebook command.

Here's the list of images that I have:

```
pavel@pavel-VirtualBox: ~

File Edit View Search Terminal Help

pavel@pavel-VirtualBox:~$ sudo docker image ls

REPOSITORY TAG IMAGE ID CREATED

SIZE

jupyter/all-spark-notebook latest 6a8e0eab5c28 3 weeks ago

5.99GB

pavel@pavel-VirtualBox:~$
```

Then, in order to start a container of this image, I used this command:

```
pavel@pavel-VirtualBox:~$ sudo docker run -it --rm -p 8888:8888 jupyter/all-spar
k-notebook
```

Which gives you a url you can connect to and use your jupyter notebook:

```
Copy/paste this URL into your browser when you connect for the first time, to login with a token:

http://(a8af97e42aa5 or 127.0.0.1):8888/?token=c177a3e7d6c43d006e52ad2a2

ocidea66da70bb013e245612657b
```

Here's my code inside the notebook:

