# Two objects working with our VM environment

Problem: When we call os.environ with two parameters, it doesn’t work properly. Existing documentation says that we need to separate by commas those parameters but in our case doesn’t work.

To resolve this situation, a quick way is to move all objects related to the object we want to use to spark folder. By doing this, we don’t need to define the path for the object we want to use.

*To do it please follow the next steps (in jupyter terminal):*

1. Locate the folder for the object you want to use: change the directory to (/usr/share/java)

Command: cd /usr/share/java



1. copy all content related to mariadb to spark folder (/opt/spark3/jars/)

Command: cp mariadb-java-client\* /opt/spark3/jars/



1. Restart jupyter notebook kernel and don't forget to comment on the part related to mariadb os.environ

Graphical user interface, application

Description automatically generated