While running the code on VCL, if you come across below error :

Background pattern

Description automatically generated

Follow the below steps:

1. Download the folder graphframes\_dependencies to your local machine.
2. On the VCL terminal window, create the directory using the following command:

**mkdir -p /home/unity\_id/.m2/repository/graphframes/graphframes/0.1.0-spark1.6** Here unity\_id is your NCSU unity id

1. Transfer the dependency files from your local machine to VCL machine. Open terminal in your local machine and type the following command:

**scp -r path\_of\_graphframes\_dependencies\_dir/graphframes\_dependencies/\* unity\_id@VCL\_machine\_IP\_address:/home/unity\_id/.m2/repository/graphframes/graphframes/0.1.0-spark1.6**

Here,

unity\_id is your NCSU unity id

VCL\_machine\_IP\_address is the IP address of the VCL machine you have connected to

path\_of\_graphframes\_dependencies\_dir is the path of graphframes\_dependencies directory on your local machine

**mkdir -p /home/pwadhwa /.m2/repository/graphframes/graphframes/0.1.0-spark1.6**

**scp -r path\_of\_graphframes\_dependencies\_dir/graphframes\_dependencies/\* pwadhwa@VCL\_machine\_IP\_address:/home/unity\_id/.m2/repository/graphframes/graphframes/0.1.0-spark1.6**