Page Rank Recitation

For this recitation you need to install:

* Spark
* Scala
* Sbt
* Java

This algorithm has been tested successfully with the following versions:

* Spark-2.4.0-bin-hadoop2.7 (latest as of today)
* Scala 2.11.7
* Java version "1.8.0\_191"

At this recitation, we are going to run the PageRank algorithm using the Spark’s Graphx library, which is only supported for Scala.

To run a spark-scala application you need to do the following:

Create a new user-defined folder and create the following subdirs.

# Your directory layout should look like this  
$ find .  
.  
./build.sbt (make the required changes here first based on the comments)  
./src  
./src/main  
./src/main/scala  
./src/main/scala/PageRank.scala make the required changes here first based on the comments)

# Package a jar containing your application  
$ sbt package

# Use spark-submit to run your application  
$SPARK\_HOME/bin/spark-submit --class PageRank --master local[4] target/scala-2.11/page-rank-algorithm\_2.11-1.0.jar