**Assignment 19.2**

**Problem Statement**

**Using udfs on dataframe**

1. Change firstname, lastname columns into

Mr.first\_two\_letters\_of\_firstname<space>lastname

for example - michael, phelps becomes Mr.mi phelps

**2. Add a new column called ranking using udfs on dataframe, where :**

gold medalist, with age >= 32 are ranked as pro

gold medalists, with age <= 31 are ranked amateur

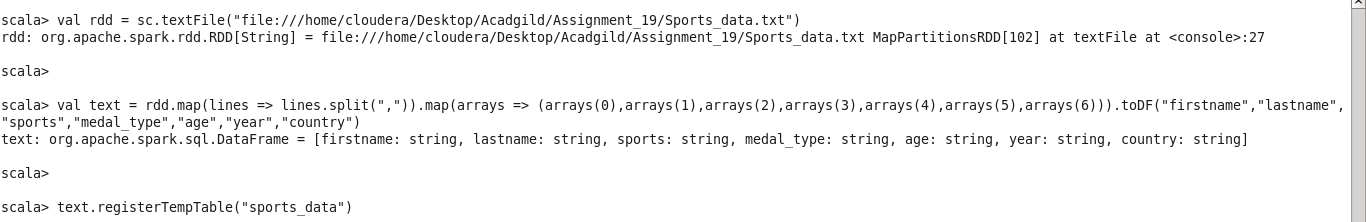
silver medalist, with age >= 32 are ranked as expert

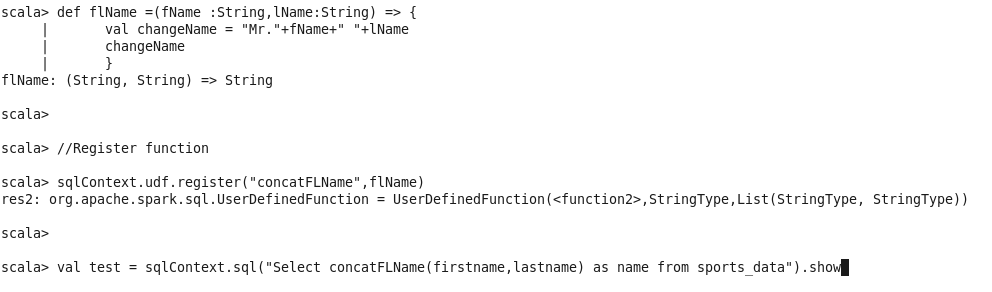
silver medalists, with age <= 31 are ranked rookie

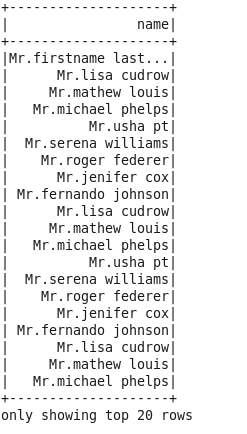
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**2. Add a new column called ranking using udfs on dataframe, where :**

**gold medalist, with age >= 32 are ranked as pro**

**gold medalists, with age <= 31 are ranked amateur**

**silver medalist, with age >= 32 are ranked as expert**

**silver medalists, with age <= 31 are ranked rookie**

