**CS0048 DATA STRUCTURES AND FILES**

Assignment 7

**Preparation**

Download **Player.java, NBADATA.txt** and **Assign7.java** from Canvas. Do not change **Player.java** or **NBADATA.txt**. Read through the files to familiarize yourself with classes, methods, data etc. For this assignment you can create a package if you like.

**Task**

**Player** is a class to represent some stats for a player in the NBA. **NBADATA.txt** is a file that contains some player stats for all NBA players from the 2022 – 23 season. Every line in the text file has format

playerName,position,gamesPlayed,minutes,rebounds,assists,steals,blocks,points

The last 6 quantities are per game stats for the whole season.

For this assignment you will complete the methods in **Assign7.java** (Instructions are in the file).

**Help**

The file contains commas so a good thing to do is read a whole line as a String and then use the split method in String to put the separate pieces into a String array. Then you can create the Player object and put it into the array.

**Turning in the Assignment**

Take a screenshot of **Assign7** running. Upload your screenshot, your zipped package (or zipped files). Make sure your zipped file include **Player.java**, **Player.class**, **NBADATA.txt**, **Assign7.java** and **Assign7.class**. Due by the start of the next class on March 21.