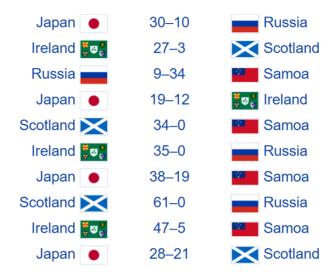
## Challenge - reading and splitting a csv file

## **Analyse This!**



A **Comma Separated Values** (*CSV*) *file* is a plain text *file* that contains a list of data. ... *CSV files* are designed to be a way to easily export data and import it into other programs. The resulting data is human-readable and can be easily viewed with a text editor like Notepad. Some contain a header that details each field (column), others do not! They mostly use the comma character to separate (or delimit) data, but sometimes use other characters, like semicolons.

Each line in the csv contains the score for a single match. Read each line and split each line based on the comma...

## Example:

String studentDetails = "Mr,George,Best,Belfast,Northern Ireland"; // this would be a typical line in a cvs file

// string array to hold the student details split by the comma

String[] studentDetailsSplit = studentDetails.split(","); // a string method that

creates an array os strings based on the location of the commas

// so that:

System.out.println(studentDetailsSplit[0]); // is the first text before the first comma i.e Mr

System.out.println(studentDetailsSplit[1]); // is the second text before the second comma ie. George etc..

System.out.println(studentDetailsSplit[2]);

System.out.println(studentDetailsSplit[3]);

System.out.println(studentDetailsSplit[4]);

Then output each game score (and determine the winner) i.e.

Japan 30: Russia 10 Winner Japan Ireland 27: Scotland 3 Winner Ireland Russia 9: Samoa 34 Winner Samoa Japan 19: Ireland 12 Winner Japan Scotland 34: Samoa 0 Winner Scotland Ireland 35: Russia 0 Winner Ireland Japan 38 : Samoa 19 Winner Japan Scotland 61: Russia 0 Winner Scotland Ireland 47 : Samoa 5 Winner Ireland Japan 28 : Scotland 21 Winner Japan

Hint on comparing scores ... int number = Integer.parseInt("2");

Solution > <u>AnalyseThis.java (https://canvas.qub.ac.uk/courses/11041/files/1074160/download?wrap=1)</u> (https://canvas.qub.ac.uk/courses/11041/files/1074160/download?download\_frd=1)