Name	Advanced Placement Computer Science Final Exam, Part II
You are to produce an imple Points: 50	mentation of the game Connect 4 using the Java language.
`Red' and the other is design. 7x6 board is placed between top of it, one slot for each coslides down until it either resuplayers take turns dropping a	ame. It is a two-player game in which one player is designated ated `Blue'. Each player has a stack of chips of his/her colour. A the two players, propped up vertically. It has seven `slots' at the plumn. When a game chip is dropped into one of these slots, it its at the bottom of the board or on top of another chip. The two is chip into a slot of their choice. The first player to connect four of winner. This connection can be vertical, horizontal or diagonal, he and must be connected.
If there are no 4 chip sequen	ces then the game is considered a draw.
You can use any type of inter I recommend using the consc file reader.	rface that you desire. Die and first developing an interactive version, then utilizing a text
Your grade will depend upor correct output.	n you handling 3 different connect 4 games and producing the
Input for the games will be o	f the following format;
0 3 0 1 4 2	

etc for one game. Each game will be in a separate file.

where each number represents a player placing his/her chip in a column.

For testing purposes, have your program utilize a batch mode so it can understand game input as a sequence of numbers. There will 3 sequences of numbers in a file that your program must process, your program needs to display the results of each game in some capacity (pop up with player one wins or draw, etc, or writes to the console window.

Your program should give an error indication if one of the players attempts to place a chip on a full column. Your error message MUST print out in the console window

Your program should then read the next piece of data as the valid move for that player.

RUBRIC:

Basic functioning Connect 4 Game attempt	30 points for reading file and placing pieces		
Connect 4 functioning correctly	10 points for correctly functioning, checks wins		
Test Cases with illegal moves when column full	5 points		
3 Test Cases	5 points each win, draw = 15 total points		
THIS PROJECT IS TO BE COMPLETED WITHOUT HELP FROM OTHER STUDENTS OR			
INTERNET SOURCE CODE. I	confirm that I completed connect		
4 without aid from other people and that it is my product exclusively.			
Date			
Signed			