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APCS PD 8

FP

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## UML Diagrams

Class Name: BingoCard
Instance Variables: Balls int [100]- Board arr [String [5][5]]- String BingoBall-
Populate + Printcard + Popboard + Checkbingo + Drawball + Markx + board() + printBlower + popBlower + Public static popcard + (comparable)

Class Name: BingoGame
Instance Variables: protected static int[] ballBlower protected static Comparable[][] bingoCard protected static int ballDrawn; protected static boolean _BINGO; protected static int turn_num;
toString + Game + bingoTurn() +

Class Name: SortNSearches
Instance Variables: private String playername - private int Gamenum - private new Game -

BinSearch + LinSearch + BubbleSort + SelectionSort + InsertionSort +
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Class Name: Woo (puts everything together)
Instance Variables: private String playername - private int Gamenum - private new Game -
toString +

Class Name: BiasBingo (implements BingoGame)
Instance Variables: private String playername - private int Gamenum - private new Game -
drawBall() + bingoTurn() +

Class Name: regBingo (extension of bingoGame)
Instance Variables: private String playername - private int Gamenum - private new Game - Boolean bingo - Int turn -
Populate + Printcard + Popboard + Checkbingo + Drawball + Markx + board() + printBlower +

popBlower +  
Public static popcard + (comparable)  
toString +