AP Java subset compared to JJ

#	item	AP in	AP out	JJ in	JJ out	Comments
1	Primitive types	int double boolean	char, byte, short long, float	☺	☺	chars done only with Strings
2	Arithmetic ops	+, -, *, /, %		☺	☺	
3	Inc/Dec operator	++, --	arr[i++]	☺	☺	JJ: OK as for-step and separate statement i++;
4	Assignment	=, +=, -= *=, /=, %=		=, +=, -=	*=, /+, %=	
5	Relational ops	<, <=, >, >=, !=, ==		☺	cannot mix int & double	JJ requires parens'(' and ')' around operands
6	Logical operatons	&&, ||, !	&, |,^, ~ <<, >>, >>>	☺	☺	
7	Ternary operator		?:	☺	☺	
8	Numeric cast	(int)		doubleToInt(d)	(int)	JJ uses methods instead of casts
9	String concatenation	+	StringBuffer	☺	☺	
10	Escape sequences in strings	\\, \", \n	\t, \uxxx	\\, \", \n, \t	☺	JJ uses \t to format output
11	Input	?	?	JJS.inputInt() etc	☺	JJ uses methods for I/O
12	Output	System.out.print System.out.println	?	System.out.print System.out.println JJS.debug/debugln & JJS.outputInt(i)	☺	Use debug and debugln inside type-methods
13	The *main* method	?	public static void main (String args[])	JJS.start()	☺	
14	Arrays	1D and 2D arrays	3D & more	1D arrays	2D & nD array	2D array is created as a class in JJ
15	Control Structures	if/else, while, for, return	do, switch, break, continue	if/else, while, for, 1-return and 1-break	do, switch continue	JJ does not allow early return, and break is limited
16	Method overloading	method overloading	no tricky questions	NO	method overloading	JJ does not allow this
17	Classes	new, design classes		☺	☺	
18	Visibility	private instance vars, private or public methods, constants	protected and package scoping	private or public instance vars, methods, consts, private constuctors	☺	Like Eiffel, JJ does not allow a.b on Lhs
19	Comments javadoc	//, /* */, /** */ @precondition @postcondition @parameter @return	?	// JJS.preCheck() "result"	☺	JJ uses code to express javadoc
20	Final	constants	any other use of final	☺	☺	

☺ means do not disagree

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