Programming in Java

Give a brief explanation of each of the following aspects of Java:

(a) the difference between >> and >>>;

(b) the possibility that in some program the test (a == a) might return the value false for some variable a;

(c) the keywords final and finally;

(d) the expression "three" + 3 and other expressions of a generally similar nature;

(e) the meaning of, or errors in (whichever case is relevant!)

\[
\begin{align*}
\text{int} & \ [10] \ a; \\
\text{for} \ (\text{int} \ i=1; \ i<10; \ ++i) \\
& a[i] = 1-a[i]; \\
\end{align*}
\]

[2 marks each]