1 Java half

In a large project it is possible that two programmers, working on different parts of the code, happen to select the same name for something that they define. If this accident leads to some third programmer accessing the wrong one of these two versions the results could be unsatisfactory. Explain the steps that the designers of the Java language have taken to reduce the probability of such clashes.

[10 marks]

1.1 Marking notes

private and protected etc classes and methods discussed

the package mechanism, with import and also possible use of fully qualified names.

clear distinction between what these class and member schemes achieve.