

# **British Informatics Olympiad Final**

30 March – 2 April, 2000

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## **Spell-Checking**

Suppose you have available a large list of correctly spelt words, and you are writing a spell-checking program. What types of errors are likely to be made, and how would you go about listing possible alternatives for an inputted word which may be incorrectly spelt? You are free to mention anything you feel would be relevant, such as algorithms and time/space considerations. There is no need to go into details on any statistical tests, other than to mention where (and on what) you would use one.