

British Informatics Olympiad Final

1–3 April, 2005

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Air-traffic control

How would you go about building a computer system to run a safety-critical situation, such as air-traffic control. How would you go about writing such a system, what problems do you think you would encounter and how would you solve them? You are free to mention anything you feel would be relevant, such as feasibility and limitations, and how it might be tested. You should make some mention of safety issues.