Dear John

We are tendering for the constructing of a simulation of the proposed new Laxer Airport. In order to impress the client, could you please come up with a lengthy list of data structures that could feasibly be used in such a simulation.

Note that the simulation will cover all aspects of the movement and positioning of both planes and humans. This includes holding patterns, taxiing, gate assignments, departure waits, excess storage, possible decision rules for who goes first, traffic flow, IT provisions, communication links, etc, etc. The simulation will be designed to compare layouts, scenarios, procedures, strategies, etc.

Please garner two of your colleagues, and the three of you prepare a suitable report. Please underline each and every data structure that you name, and write one sentence of explanation as to why/how it would be used. Also, if there are multiple standard implementations, indicate which one should be used.

I need hard copy by Friday 30th March.

Thanks

Harpo