**Practical: 15**

**Aim: Consider a simple database of books and authors:**

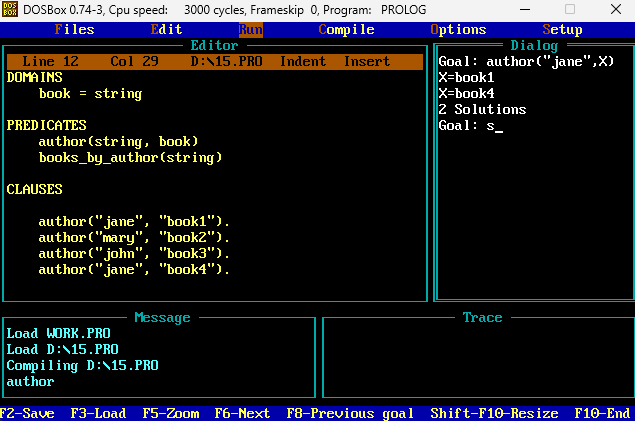
**author(jane, book1).**

**author(mary, book2).**

**author(john, book3).**

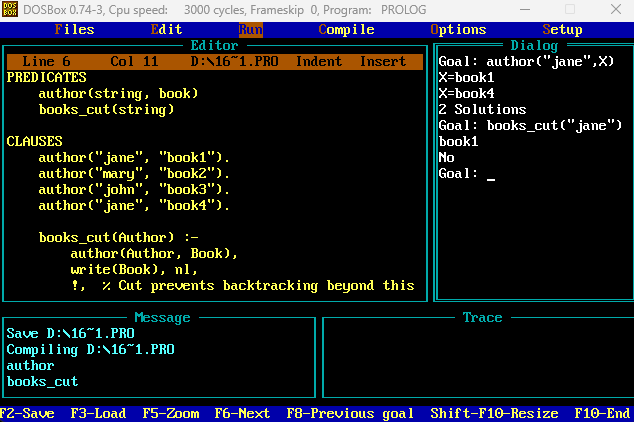
**author(jane, book4).**

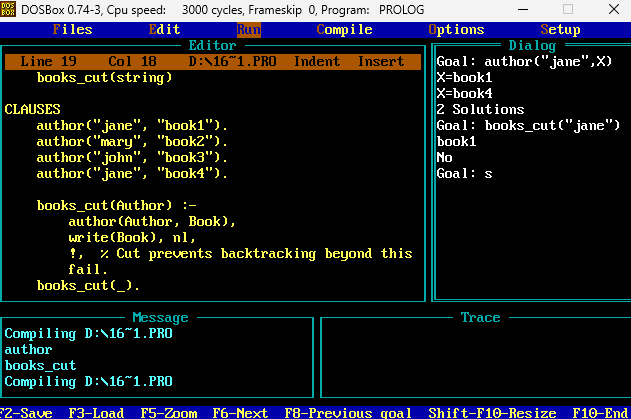
**Write a Prolog rule to find all authors of books by a given author (including repeated results if the same author wrote multiple books). Use cut and fail to control the backtracking behaviour in a way that minimizes unnecessary computations.**

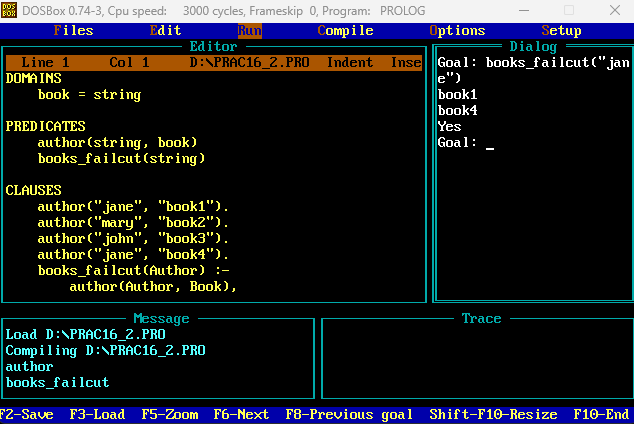
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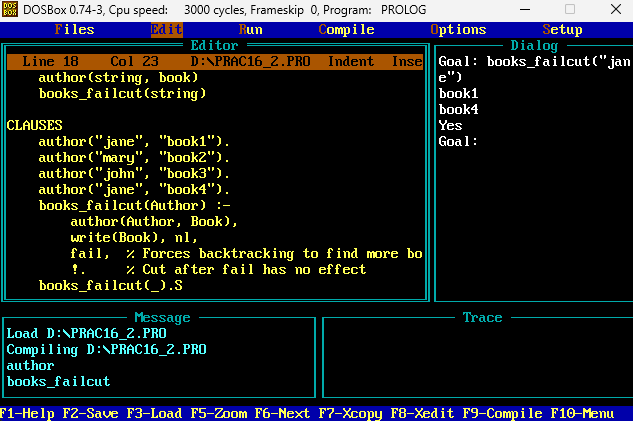
**Practical: 16**

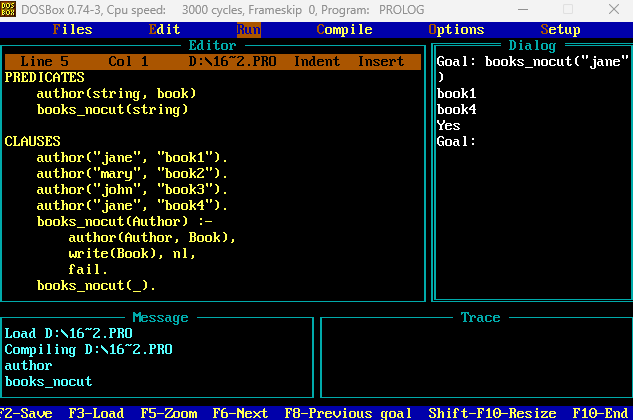
**Aim: Experiment with different placements of cut and fail in the code generated for above practical and observe their effect on the solutions Prolog generates.**

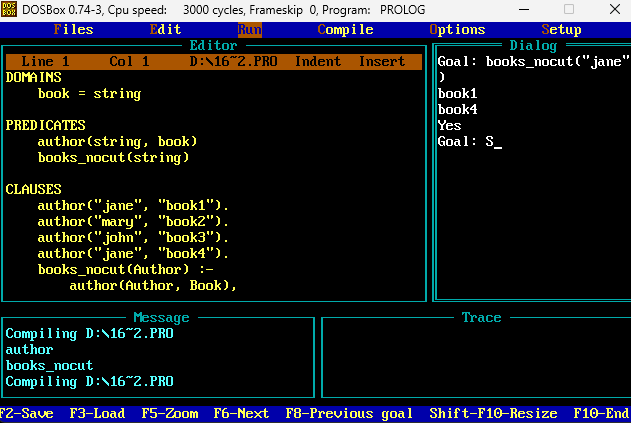
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