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Web Programming Fundamentals

Problem Solving

**Problem 1:**

The goal is to get all three items (Cat, Parrot, Seed) to the other side of the river, taking only one at a time, without leaving the cat with the parrot or the parrot with the seed. What I took from the problem was that both the cat and parrot could act upon the other elements, whereas the seed does not.

The constraints to this problem are that only one of the elements can be carried across the river at any given time. Also, the cat cannot be left alone with the parrot and the parrot cannot be left alone with the seed. The sub-goal is to get all 3 passengers across the river without any harm to any of the elements.