Problem Solving

Web Programming Fundamentals

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1. a) A man needs to use his boat to take two animals and seeds across a river. He needs to take them in a certain order to prevent the animals from fighting or eating the seeds.

b) I am curious as to why the parrot cannot ride on the man’s shoulder. Also, how big is the bag of seed?

c) The goal is to get all of them across the water on a boat, without leaving the animals alone together, or leaving the wrong animal alone with the seeds.

2. a) The constraints include that the cat and parrot cannot be left alone together, and the parrot and the seed also cannot be left alone together.

b) The subgoals for this problem are that the animals should not be allowed to fight, and the parrot should not be allowed to eat the seeds.