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 seeds?

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 seeds 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.

3 a) Some of the possible solutions include taking the animals and seeds in the correct order to prevent the animals from fighting and to prevent the parrot from eating the seeds.