Question 6.5 (Cracking the Coding Interview)

1) Fill up the 5-quart jug

2) Using the 5-quart jug, fill the 3-quart jug

3) Exactly 2 quarts should remain in the 5-quart jug

4) Depending on the limits of the environment, and interpretation of the question, since we simply need to come up with exactly 4 quarts, and doesn't say where the water needs to be, we could theoretically dig some kind of a ditch to store the water in.

5) Repeating steps 1 and 2 should give us another 2 quarts in the jug. When combining the 2 quarts in the ditch with the 2 quarts in our jug, this would give us exactly 4 quarts