**A Cat, a Parrot, and a Bag of Seed:**

1. Ok, so this man needs to get a cat, a parrot and a bag of seed to the other side of the river. His boat is small; he can only transport one item at a time. However if he is not careful and he leaves the cat alone with the parrot, the cat will eat it. If he leaves the parrot alone with the seed the parrot will eat the seed. How will he get all 3 and himself across the river?
2. The cat cannot be left with the parrot and the parrot can’t be left with the seed. The boat can only carry the man and one other thing at a time. His goal is to get all 4 of them across the river.
3. Possible solution: First take over the parrot, and then go get the cat, however when you drop the cat off, take the parrot back to the original side. Drop the parrot off at the original side and take the bag of seed over to the destination side and leave the seed with the cat. Then go back across and pick the parrot back up and return to the destination.
4. This solution meets all the goals.