**Problem1**

**Without MRV:**

Finish. Total iteration: 363

{Steve=[police officer, nurse], Pete=[clerk, boxer], Thelma=[actor, chef], Roberta=[teacher, guard]}

**With MRV**

Finish. Total iteration: 8

{Steve=[police officer, nurse], Pete=[clerk, boxer], Thelma=[guard, chef], Roberta=[actor, teacher]}

**Problem2**

**Without MRV**

iterations: 205

Yellow Blue Red Ivory Green

Norwegian Ukrainian Englishman Spaniard Japanese

Water Tea Milk Orange Juice Coffee

Kits Kats Hershey bars Smarties Snickers Milky Ways

Fox Horse Snails Dog Zebra

**With MRV**

iterations: 590

Yellow Blue Red Ivory Green

Norwegian Ukrainian Englishman Spaniard Japanese

Water Tea Milk Orange Juice Coffee

Kits Kats Hershey bars Smarties Snickers Milky Ways

Fox Horse Snails Dog Zebra