Chapter no: 1

Section no: 2

Exercise no: 20

Ans:

A: "The two of us are both knights"

B: "A is a knave"

This is possible when a =knave, b = knight.

If b = knight, then a must be a knave in which case both of them can't be knights. Which is true. So there are no contradictions in this case.

If b = knave then a must be a knight. But that would make it impossible for both of them to be knights.

So a can't be telling the truth and he can't be a knight. So this is not possible.

So a= knave and b = knight(Ans).