student ID: 1705075 Verlifying Student ID: Chapter: 1 section: 2 Exercise: 18

When planning a party who want to know. whom to ones. invite. Among the people you would like to invite are three touchy freiends. You know that if Jasmine offends, she will become unhappy if samine isthere. ·samin will attend only if Kanti will be there and Kanti will not attend unless Jasmine also does. which combinations of these three friends can you invite so as not to make someone unhappy?

Solution:

Firest care: Let us. first assume that Kanti is there, then Jasmine has to be there too. (Kanti does not come, when Jasmine does not come) and samin carrot be there (because Jasmine will be unhappy when Samin is there). Thus Kanti and Jasmine'y a possible combination.

Second case:

Now, let us assume, vanti is not there, then saminz will not attend either (Samire only attends if Manti is those). There is no condition on Jasmine Inthis case, thus Jasmine can be invited alone on no one can be invited at all. Result: Kanti and Jasmine No one.