

Will computer always win when it starts to pick first?

Yes, Computer always wins either pick first or not because of the condition that we fix the computer to pick sticks depend on stick in the pile modulo by three. If it equals to two, Computer must pick one stick and if it equals to zero, Computer must pick two sticks. In addition to above, we fix a value that Computer must decide when has few sticks in the pile. Although, we try to win it by insert number of sticks in the pile nearly dead number. The computer will choose who play first. So, when sticks in pile are less than or equal to four, Computer will always win either player pick 1 or 2.