







02) The solution to the problem is numing with complexity 0(2") The friends algorithm also none in o(2") According to the properties of polynomical time the an other worst care completely of an algorithm which is running t as som constant. Mena the proplem counot be can NP-complete problem Secondly, If we can prove that the algorithm cannot run in polynomial time then it is an NP-complete Problem. But in our wondition our nurs with a complexity which is in polynomial time hence and has he has proven that his solution also mus with the same time comprenity. Hence it does not tollow the Drives of NP-competences, hence the problem is not a NP complete problem as it is a NP or a P problem.