

A. Guess And Verify Method –Introduction

It is known by various names such as guess and verify, guess and test , guessing and confirming etc.

Guess: *The first important aspect of the guess – and – verify technique is to guess the solution by substituting the different values of n to generate the sequence from the recurrence equation.*

Verify: *The second part of this method is to verify the the solution guessed in the first phase. The verification is required because the solution is just a guess. Therefore , it needs to be justified. This justification is carried out using the technique of mathematical induction.*
