IN FFT in special case when $n=2^{m}$.

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Now IN this method we starts

breaking the set of data into smaller

ones or in other word breaking

breaking of FFT in Smaller FFT. AS WES FIRST take DET Of First N/2 Points & Contines with remains N/2 Point DFT. AND IN Each Sub- Part we again devinde that FFT in Smaller FFT.

This recurssion stop when we have to do DFT of Single number. SO This is like going aporto DFT of n to n/2 -> n/4-29---Now in veverse order we add them all to get total DFT. SO IN this sense there is log n texa steps to come out Of this Yellerssion. : DET of numbers is or order of n 50 FFT order ≈ nxlogn