1. Time complexity for T (n) = 3T (n/2) + n is Ɵ(n1.58) , 1.58 = **log23**
2. Time complexity for T (n) = 64T (n/8) − n^2(log n) is Ɵ( n2log 1/n)
3. Time complexity for T (n) = 2nT (n/2) + n^n d) . Master theorem applies to recurrence in form T(n) = aT(n/b) + O(n d ). So this is unsolvable in master theorem.
4. Time complexity for T (n) = 3T (n/3) + n/2 ) is θ(nlogn)
5. Time complexity for T (n) = 7T (n/3) + n^2 is  θ(n3)