Austotheginz Implementation-1 from the code we can white? T(n-1) 7(n-4) 7(m-6) 7(m-6) 7(m-6) 1 -8-2 T(n-1) T(n-2) T(n-3) T(n-3) T(n-3) T(n-4) T(n-4)midwi29+21+2+2+2+... The Zat obists = 2-1' Missin's 9 11-1' (bist? 3) So the time complexity is  $O(2^n)$  for this co de.

Implementation - 2 500 As we can see in this code memoitation is been used 30 there Will be no repeation Of the editertation for the same value Of n. So we can say that the time complexity for this code will be  $Q(\omega)$ .

Anstathe Bin 4 An this code we can see that there are 3 nested top loops. And Querus loop 1811 iterating in times a So the time complexity of this reade be 0 (m3). 12 - 121 (m-3) (m-4) + 2) 10-4) H(m-5)