Time complexity means the time required to run a program till the end The fixed size of an array does not grow as more elements are required. The calculated time complexity for accessing or writing an array is O (1) no matter the number of elements present in array. The time complexity for insertion of an element at the start of array is O(N) and for deletion is O(N-1)

Space complexity means amount of memory required for an algorithm.in case of array the space complexity may be **O (1)**orO**(N) depending on the situation if array is created of size N then its space complexity if O (1)**if the size of an array grows with the input then the space complexity will be O**(N).**