Meet_in_the_middle_attack (P, C, keys)

Initial M, M2 are dictionary (hash table) with { Middle text : key?

Initial Possible - keys is dictionary to store tuple [id : (text, key!, key2)}

Initial Possible - keys is dictionary to store tuple [id = 0]

Do Encryption to P with all possible keys and store it into a Dictionally (Hash tuble) called M1 3 O(n)

Do Decryption to C with all possible keys and shore it into a Dictionary (Hush table) called M2 } O(n)

For M in M2.M:

if m in M1.M:

store (m,, M2[m], M,[m]) into Possible keys 3 => O(1)
id+t

reture Possible-keys

Total time complexity: O(n) + O(n) + O(n)= O(n)