Graphical user interface, text, application, Word

Description automatically generated

T1 = O(1)  
T5 = O(1)  
T4 = O(1)  
T45 = O(1)  
T3 = O(n)  
T345 = O(n) \* O(1) = O(n)  
T2 = O(n)   
T2345 = O(n) \* O(n) = O()  
T12345 = O() + O(1) =

A picture containing text

Description automatically generated

T1 = O(1)  
T5 = O(1)  
T6 = O(1)  
T56 = O(1) + O(1) = O(1)  
T4 = O(m)  
T456 = O(m) \* O(1) = O(m)  
T3 = O(n)  
T3456 = O(n) \* O(m) = O(n\*m)  
T2 = O(n)  
T23456 = O(n\*m) \* O(n) = O(\*m)  
T123456 = O(\*m) + O(1) = O(\*m)

Text

Description automatically generated

T1 = O(1)  
T2 = O(1)  
T4 = O(1)  
T5 = O(1)  
T6 = O(1)  
T8 = O(1)  
T45678 = O(1) + O(1) + O(1) + O(1) = O(1)  
T3 = O(n)  
T345678 = O(n) \* O(1) = O(n)  
T123456789 = O(n) + O(1) + O(1) = O(n)