A **student** designed and implemented a data structure to be used in software component. The data structure implemented {List, USet , SSet} interface which supports {**Add**, Remove , Set, Get, Size} operation. The student implemented the {**Add**, Remove, Set, Get, Size } as follows :

//Here c is a constant

for (int i =1 ; I <= c ; i++){

// some O(1) expressions

}

What is the time complexity complexity of the students algorithm?

1. O (1)
2. O (n)
3. O (n^2)
4. O (log n)