

PROBLEM STATEMENT:

The problem statement is about rotate a string left by K Positions.

Question:

Write a program to rotate a given string s left by k positions without using any built-in string functions.

For example, rotating "abcdef" by 2 would give "cdefab".

SOLUTION(CODE):

```
import java.util.Scanner;
class leftKPosition {
public static void main(String[] args) {
    Scanner sc = new Scanner(System.in);
    System.out.println("Enter the string:");
    String str = sc.next();
    System.out.println("Enter k:");
    int k = sc.nextInt();
    k = k%n;
    String result="";
    for(int i=k;i<str.length();i++)
    {
        result = result+str.charAt(i);
    }
    for(int i=0;i<k;i++)
    {
        result = result+str.charAt(i);
    }
    System.out.print("Final String:"+result);
}
}
```

OUTPUT(SCREENSHOTS):

OUTPUT 1:

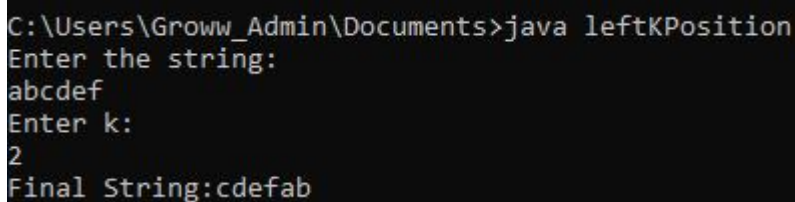
Input:

String = "abcdef"

K = 2

Output:

"cdefab"



```
C:\Users\Groww_Admin\Documents>java leftKPosition
Enter the string:
abcdef
Enter k:
2
Final String:cdefab
```

OUTPUT 2:

Input:

String = "documents"

K = 4

Output :

"mentsdocu"

```
C:\Users\Groww_Admin\Documents>java leftKPosition
Enter the string:
documents
Enter k:
4
Final String:mentsdocu
```

OUTPUT 3:

Input:

String = "hashagile"

K = 4

Output:

"agilehash"

```
C:\Users\Groww_Admin\Documents>java leftKPosition
Enter the string:
hashagile
Enter k:
4
Final String:agilehash
```