

## PROBLEM STATEMENT:

The problem statement is to rotate a String Left by K Positions.

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:

```
import java.util.Scanner;

class Rotleft {

    public static void main(String[] args) {
        Scanner user = new Scanner(System.in);
        System.out.println("Enter the string:");
        String st = user.next();
        System.out.println("Enter k value:");
        int k = user.nextInt();
        String res="";
        for(int i=k;i<st.length();i++)
        {
            res = res+st.charAt(i);
        }
        for(int i=0;i<k;i++)
        {
            res = res+st.charAt(i);
        }
        System.out.print("String after rotation:"+res);
    }
}
```

## OUTPUT:

### Input 1:

String : abcdef

k=2

**Output 1 :** cdefab

```
Enter the string:
abcdef
Enter k value:
2
String after rotation:cdefab

...Program finished with exit code 0
Press ENTER to exit console.█
```

### Input 2:

String : Pradeepa

k=6

**Output 2 :** papradee

```
Enter the string:
pradeepa
Enter k value:
6
String after rotation:papradee

...Program finished with exit code 0
Press ENTER to exit console.█
```

### Input 3:

String : success

k=3

**Output 3 :** cesssuc

```
Enter the string:
success
Enter k value:
3
String after rotation:cesssuc

...Program finished with exit code 0
Press ENTER to exit console.
```