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".

Instructions: Do not use built-in rotation or substring functions. Implement the logic manually.

Program:

```
import java.util.Scanner;
public class StringRotator {
  public static String rotateLeft(String s, int k) {
    char[] arr = s.toCharArray();
    int n = arr.length;
    k = k \% n;
    char[] result = new char[n];
    for (int i = 0; i < n; i++) {
       result[i] = arr[(i + k) \% n];
    }
    return new String(result);
  }
  public static void main(String[] args) {
    Scanner sc = new Scanner(System.in);
    System.out.print("Enter the string: ");
    String s = sc.nextLine();
    System.out.print("Enter the rotation value (k): ");
    int k = sc.nextInt();
    String rotated = rotateLeft(s, k);
    System.out.println(rotated);
    sc.close();
  }
```

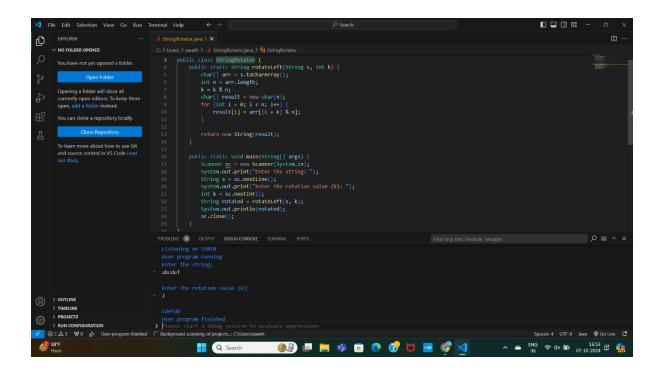
}

Output:

Testcase1-

Input: abcdef

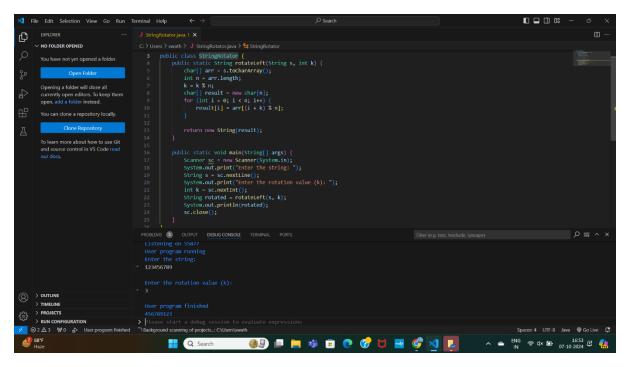
Output: cdefab



Testcase2:

Input: 123456789

Output: 456789123



Testcase3:

Input: swathi

Output: hiswat

