```java
public class EditDistance {
    public static int min(int x, int y, int z) {
        if (x<y && x<z) return x;
        if (y<x && y<z) return y;
        else return z;
    }

    public static int editDist(String s1, String s2, int m, int n){
        // If first string is empty, the only option is
        // to insert all characters of second string into first
        if (m == 0) return n;

        // If second string is empty, the only option is
        // to remove all characters of first string
        if (n == 0) return m;

        // If last characters of two strings are same, do nothing.
        // Ignore last characters, get count for remaining strings.
        if (s1.charAt(m-1) == s2.charAt(n-1))
            return editDist(s1, s2, m-1, n-1);

        // If last characters are not same, consider all three
        // operations on last character of first string, recursively
        // compute minimum cost for all three operations
        // and take minimum of three values.
        return 1 + min ( editDist(s1,  s2, m, n-1), // Insert
                editDist(s1,  s2, m-1, n),   // Remove
                editDist(s1,  s2, m-1, n-1));
    }

    public static void main(String args[]) {
        String s1 = "sunday";
        String s2 = "saturday";
        System.out.println( editDist(s1, s2, s1.length(),
  s2.length()));
    }
}
```