



链滴

36 进制加法 Java 极简实现

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原文链接: <https://ld246.com/article/1548595999338>

来源网站: 链滴

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```

//62进制, 62位字符串
// private static final String chars =
// "0123456789abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ";
private static final String chars = "0123456789abcdefghijklmnopqrstuvwxyz";

public static void main(String[] args) {
    System.out.println(add_36("xx", "oo"));
}

/**
 * 123+abcd
 *
 * @param a
 * @param b
 * @return
 */
public static String add_36(String a, String b) {
    int alength = a.length();
    int blength = b.length();
    int m = Math.max(alength, blength);
    int inc = 0;
    int clength = chars.length();
    String result = "";
    for (int i = 0; i < m; i++) {
        int ia = i < alength ? chars.indexOf(a.charAt(alength - i - 1)) : 0;
        int ib = i < blength ? chars.indexOf(b.charAt(blength - i - 1)) : 0;
        int add = ia + ib + inc;
        if (add > clength) {
            inc = add / clength;
        }
        result = chars.charAt(add % clength) + result;
    }
    if (inc > 0) {
        result = chars.charAt(inc) + result;
    }

    return result;
}

```