

```

/* This recursive method sums the integers from 1 to n.
 * Assume n > 0.
 */
public static int sum(int n) {
    // base case
    if (n <= 0) {
        return 1;
    }
    // recursive case
    else {
        return n + sum(n-1);
    }
}

```

```

/* This recursive method removes all occurrences of the letter h
from the String s.
 *
 */
public static String removeH(String s) {
    // base case
    if (s.length() == 0) {
        return s;
    }
    // recursive case
    if (s.charAt(0) == 'h') {
        return removeH(s.substring(1));
    } else {
        return s.charAt(0) + removeH(s.substring(1));
    }
}

```

```

/* This recursive method sums up the entries in the array a,
 * starting at the index start and finishing with the last entry
 * in the array.
 */
public static int sumEntries(int [] a, int start) {
    // base case
    if (start == a.length-1) {
        return a[start];
    }
    // recursive case
    else {
        return a[_____] + sumEntries(_____,_____);
    }
}

```

```

/* This recursive method doubles the letter r anywhere it
 * appears in the String s. If there are two (or more) r in a
 * row, this method will replace each of them with rr.
 */
public static _____ doubleRs(String s) {
    // base case
    if (s.length() == 0) {
        return s;
    }
    // recursive case
    if (s.charAt(0) == 'r') {
        return _____ + doubleRs(_____);
    }
    else {
        return _____ + doubleRs(_____);
    }
}

```