```
public static in computation s) {
if(seequals("")
  return 0
if(s.equals("1")){
  re urn 1:
    return 2 * compute(s.substing(0, s.length()-1));
if (s.charAt(s.length() 1) == (1)
    return 1 + 2 * compute(s_substring(0,s_length()-1));
return -1;
```