```
static int compute(String
if(s.equals("0")
f(s.equals("1")
 return 1:
   (s.charAt(s.length()-1)
   return 2 * compute(s.substring(0,s.length()-1));
  (s.charAt(s.length()-1) == '1
   return 1 + 2 * compute(s.substring(0,s.length()-1)
```