```
0x49b
        assert(0 == msg.value)
        $s2 = ad mask \& c[0x4]
        $s3 = intcall4(0xc4a)
        m[0x0] = ad_mask \& $s2
        m[0x20] = 0\overline{x}1
        \$\$4 = 0x1 + \$ha3(0x0, 0x40)
        $s5 = s[$s4]
        $s6 = $m
        m = m + (0x20 + (0x20 * $s5))
        m[\$s6] = \$s5
        $s7 = 0x20 + $s6
        $s9 = s[$s4]
        if (0 == \$s9) goto 0xcbc
 0xc98
 - - - - - - -
 t = s7
 $s7 = $s7 + (0x20 * $s9)
 m[0x0] = \$s4
 $s9 = sha3(0x0, 0x20)
 $s8 = $s9
0xca8
- - - - - -
m[\$t] = s[\$s9]
$s9 = 0x20 + $t
$t = $s8
$s8 = $s9
$s9 = 0x1 + $t
t = s8
$s8 = $s9
if (\$s7 > \$t) goto 0xca8
      0xcbc
      m[\$m] = 0 \times 20
      $s4 = 0x20 + $m
      m[\$s4] = m[\$s6]
      $s4 = 0x20 + $s4
$s5 = 0x20 + $s6
      $s6 = 0x20 * m[$s6]
      $s10 = 0x0
      while (0x1) {
         if (\$s10 >= \$s6)
               break
         m[\$s4 + \$s10] = m[\$s5 + \$s10]
         $s10 = 0x20 + $s10
       return(\$m, (\$s6 + \$s4) - \$m)
```