```
0x43d
       assert(0 == msg.value)
       m[0x0] = msg.sender
       m[0x20] = 0xa
       s3 = sha3(0x0, 0x40)
       $s4 = s[$s3]
       $s5 = $m
       m = m + (0x20 + (0x20 * $s4))
       t = s3
       $s3 = $s5
       $s6 = $t
       t = s4
       $s4 = $s6
       m[\$s5] = \$t
       $s6 = 0x20 + $s5
$s8 = s[$s4]
        if (0 == $s8) goto 0x97c
 0x958
 $t = $s6
 $s6 = $s6 + (0x20 * $s8)
 m[0x0] = \$s4
 $s8 = sha3(0x0, 0x20)
 s7 = s8
0x968
m[\$t] = s[\$s8]
\$s8 = 0x20 + \$t
t = s7
$s7 = $s8
$s8 = 0x1 + $t
t = s7
$s7 = $s8
if (\$s6 > \$t) goto 0x968
      0x97c
      $s4 = 0x20 + $m
      m[\$m] = \$\$4 - \$m
      m[\$s4] = m[\$s3]
      $s4 = 0x20 + $s4
      $s5 = 0x20 + $s3
      $s6 = 0x20 * m[$s3]
      $s10 = 0x0
      while (0x1) {
         if (\$s10 >= \$s6)
               break
        m[\$s4 + \$s10] = m[\$s5 + \$s10]
         $s10 = 0x20 + $s10
      return(\$m, (\$s6 + \$s4) - \$m)
```