```
0x3d5
--------
assert(0 == msg.value)
$s2 = c[0x4]
assert(msg.sender == (ad_mask & s[0x0]))
if (0 == c[0x24]) goto 0xa5c
```

```
0xa5c
--------
m[0x0] = $s2
m[0x20] = 0x5
$s7 = sha3(0x0, 0x40)
$s8 = s[$s7]
$s5 = $m
$m = 0x20 + ($m + (0x20 * $s8))
m[$s5] = $s8
$t = $s7
$s7 = $s8
$s6 = $t
$s8 = 0x20 + $s5
if (0 == $s7) goto 0xab0
```

```
0x9fd
--------
m[0x0] = $s2
m[0x20] = 0x4
$s7 = sha3(0x0, 0x40)
$s8 = s[$s7]
$s5 = $m
$m = 0x20 + ($m + (0x20 * $s8))
m[$s5] = $s8
$t = $s7
$s7 = $s8
$s6 = $t
$s8 = 0x20 + $s5
if (0 == $s7) goto 0xa50
```

```
0xa8c
--------
$t = $s8
$s8 = $s8 + (0x20 * $s7)
m[0x0] = $s6
$s10 = sha3(0x0, 0x20)
$s9 = $s10
```

```
0xa2c
--------
$t = $s8
$s8 = $s8 + (0x20 * $s7)
m[0x0] = $s6
$s10 = sha3(0x0, 0x20)
$s9 = $s10
```

```
0xa9c
--------
m[$t] = s[$s10]
$s10 = 0x20 + $t
$t = $s9
$s9 = $s10
$s10 = 0x1 + $t
$t = $s9
$s9 = $s10
if ($s8 > $t) goto 0xa9c
```

```
0xa3c
--------
m[$t] = s[$s10]
$s10 = 0x20 + $t
$t = $s9
$s9 = $s10
$s10 = 0x1 + $t
$t = $s9
$s9 = $s10
if ($s8 > $t) goto 0xa3c
```

```
0xab0
--------
$s1 = $s5
goto 0x3f2
```

```
0xa50
--------
$s1 = $s5
goto 0x3f2
```

```
0x3f2
--------
m[$m] = 0x20
m[0x20 + $m] = m[$s5]
$s4 = 0x40 + $m
$s5 = 0x20 + $s1
$s6 = 0x20 * m[$s1]
$s10 = 0x0
while (0x1) {
    if ($s10 >= $s6)
            break
    m[$s10 + $s4] = m[$s10 + $s5]
    $s10 = 0x20 + $s10
}
return($m, ($s6 + $s4) - $m)
```