```
0xf8a
--------
assert(0 == msg.value)
$s3 = 0xffffffffffffffff & c[0x4]
$s5 = intcall5(0x4286)
m[0x0] = 0xffffffffffffffff & $s3
m[0x20] = 0x4
$s10 = $m
$m = 0x140 + $m
$t = sha3(0x0, 0x40)
$s9 = $s10
$s10 = $t
m[$s9] = 0xffffffffffffffff & s[$t]
$s11 = 0x20 + $s9
m[$s11] = 0xffffffff & (s[$t] >> 0x40)
$s11 = 0x20 + $s11
m[$s11] = ad_mask & (s[$t] >> 0x60)
$s11 = 0x20 + $s11
$s12 = 0x1 + $t
$s13 = s[$s12]
$s13 = (((0x100 * (0 == (0x1 & $s13))) - 0x1) & $s13) / 0x2
$s14 = $m
$m = $m + (0x20 + (0x20 * ((0x1f + $s13) / 0x20)))
m[$s14] = $s13
$s15 = 0x20 + $s14
$s17 = s[$s12]
$s17 = (((0x100 * (0 == (0x1 & $s17))) - 0x1) & $s17) / 0x2
if (0 == $s17) goto 0x4406
```

```
0x43c0
--------
if (0x1f < $s17) goto 0x43db
```

```
0x43db
--------
$t = $s15
$s15 = $s15 + $s17
m[0x0] = $s12
$s16 = sha3(0x0, 0x20)
$s17 = $t
```

```
0x43c8
--------
m[$s15] = 0x100 * (s[$s12] / 0x100)
goto 0x4406
```

```
0x43e9
--------
m[$s17] = s[$s16]
$t = $s16
$s16 = $s17
$s17 = 0x1 + $t
$t = $s16
$s16 = $s17
$s17 = 0x20 + $t
if ($s15 > $s17) goto 0x43e9
```

```
0x43fd
--------
```

```
0x4406
--------
m[$s11] = $s14
$s11 = 0x20 + $s11
m[$s11] = 0xffffffff & s[0x2 + $s10]
$s11 = 0x20 + $s11
$s12 = 0x3 + $s10
$s13 = s[$s12]
$s14 = $m
$m = $m + (0x20 + (0x20 * $s13))
m[$s14] = $s13
$s15 = 0x20 + $s14
$s17 = s[$s12]
if (0 == $s17) goto 0x44aa
```

```
0x4460
--------
$t = $s15
$s15 = $s15 + (0x20 * $s17)
m[0x0] = $s12
$s16 = sha3(0x0, 0x20)
$s17 = 0x0
$s18 = $t
```

```
0x4473
--------
m[$s18] = 0xff & (s[$s16] / (0x100 ** $s17))
$t = $s17
$s17 = 0x20 + $s18
$s18 = 0x1 + $t
$t = $s17
$s17 = $s18
$s18 = $t
$t = $s16
$s16 = $s17 / 0x20
$s19 = $s16 + $t
$t = $s16
$s16 = $s19
$s17 = $s17 * (0x1 - $t)
if ($s15 > $s18) goto 0x4473
```

```
0x44a8
--------
```

```
0x44aa
--------
m[$s11] = $s14
$s11 = 0x20 + $s11
$s12 = 0x4 + $s10
$s13 = s[$s12]
$s14 = $m
$m = $m + (0x20 + (0x20 * $s13))
m[$s14] = $s13
$s15 = 0x20 + $s14
$s17 = s[$s12]
if (0 == $s17) goto 0x4528
```

```
0x44de
--------
$t = $s15
$s15 = $s15 + (0x20 * $s17)
m[0x0] = $s12
$s16 = sha3(0x0, 0x20)
$s17 = 0x0
$s18 = $t
```

```
0x44f1
--------
m[$s18] = 0xff & (s[$s16] / (0x100 ** $s17))
$t = $s17
$s17 = 0x20 + $s18
$s18 = 0x1 + $t
$t = $s17
$s17 = $s18
$s18 = $t
$t = $s16
$s16 = $s17 / 0x20
$s19 = $s16 + $t
$t = $s16
$s16 = $s19
$s17 = $s17 * (0x1 - $t)
if ($s15 > $s18) goto 0x44f1
```

```
0x4526
--------
```

```
0x4528
--------
m[$s11] = $s14
$s11 = 0x20 + $s11
m[$s11] = 0xffffffff & s[0x5 + $s10]
$s11 = 0x20 + $s11
m[$s11] = 0xffffffff & (s[0x5 + $s10] >> 0x20)
m[0x20 + $s11] = s[0x6 + $s10]
$s5 = $s9
m[0x0] = 0xffffffff & m[0x20 + $s9]
m[0x20] = 0x3
$s9 = sha3(0x0, 0x40)
$s6 = $s9
$s9 = intcall2(0xffffffff & m[0xe0 + $s5], 0xffffffff & s[0x6 + $s9], 0x45dc)
$s7 = $s9
$s9 = intcall2(0xffffffff & m[0x100 + $s5], 0xffffffff & s[0x6 + $s6], 0x460d)
$s9 = intcall9(s[0x5 + $s6], 0xffffffff & $s9, 0x4623)
$s10 = intcall9(s[0x5 + $s6], 0xffffffff & $s7, 0x4637)
m[$m] = $s9
$s4 = 0x20 + $m
m[$s4] = $s10
return($m, (0x20 + $s4) - $m)
```