```
0x983
--------
if (msg.value) goto 0x0
$s2 = $m
$s6 = c[0x24]
$s7 = c[0x4 + $s6]
$m = 0x20 + ($m + (0x20 * ((0x1f + $s7) / 0x20)))
m[$s2] = $s7
$t = $s2
$s2 = ad_mask & c[0x4]
$s5 = $t
calldatacopy(0x20 + $t, 0x24 + $s6, $s7)
$s11 = $m
$s14 = 0x4 + c[0x44]
$s13 = c[$s14]
$t = $s14
$s14 = 0x20 + ($m + (0x20 * ((0x1f + $s13) / 0x20)))
$m = $s14
m[$s11] = $s13
calldatacopy(0x20 + $s11, 0x20 + $t, $s13)
$s4 = $s11
if (0 == (ad_mask & s[0x0])) goto 0x1a6e
```

```
0x1a6e
--------
s[0x0] = (ad_mask & $s2) | (0xffffffffffffffffffffffff0000000000000000000000000000000000000000 & s[0x0])
s[0x1] = m[0x20 + $s5]
$s8 = m[$s11]
$s10 = s[0x2]
m[0x0] = 0x2
$s9 = sha3(0x0, 0x20)
$t = 0x20 + $s4
$s7 = $s9 + ((0x1f + ((((0x100 * (0 == (0x1 & $s10))) - 0x1) & $s10) / 0x2)) / 0x20)
$s10 = $t
if (0x1f >= $s8){
  s[0x2] = ($s8 + $s8) | (0xffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff00 & m[$t])
} else {
  s[0x2] = 0x1 + ($s8 + $s8)
  if ($s8){
    $t = $s8
    $s8 = $s10
    $s10 = $s10 + $t
    while (0x1) {
      if ($s10 <= $s8)
        break
      s[$s9] = m[$s8]
      $t = $s8
      $s8 = $s10
      $s10 = 0x20 + $t
      $t = $s8
      $s8 = $s10
      $s10 = $t
      $t = $s9
      $s9 = $s10
      $s10 = 0x1 + $t
      $t = $s9
      $s9 = $s10
      $s10 = $t
    }
  }
}
$t = $s7
$s7 = 0x1b36
```

```
0x1a67
--------
$s1 = 0x0
goto 0x31d
```

```
0x1b1e
--------
while (0x1) {
  if ($t <= $s9)
        break
  s[$s9] = 0x0
  $s9 = 0x1 + $s9
}
```

```
0x1b32
--------
goto $s7
```

```
0x1bd2
--------
$s1 = 0x1
goto 0x31d
```

```
0x1b36
--------
$s8 = m[$s5]
$s10 = s[0x3]
m[0x0] = 0x3
$s9 = sha3(0x0, 0x20)
$t = 0x20 + $s5
$s7 = $s9 + ((0x1f + ((((0x100 * (0 == (0x1 & $s10))) - 0x1) & $s10) / 0x2)) / 0x20)
$s10 = $t
if (0x1f >= $s8){
  s[0x3] = ($s8 + $s8) | (0xffffffffffffffffffffffffffffffffffffffffffffffffffffffffffffff00 & m[$t])
} else {
  s[0x3] = 0x1 + ($s8 + $s8)
  if ($s8){
    $t = $s8
    $s8 = $s10
    $s10 = $s10 + $t
    while (0x1) {
      if ($s10 <= $s8)
        break
      s[$s9] = m[$s8]
      $t = $s8
      $s8 = $s10
      $s10 = 0x20 + $t
      $t = $s8
      $s8 = $s10
      $s10 = $t
      $t = $s9
      $s9 = $s10
      $s10 = 0x1 + $t
      $t = $s9
      $s9 = $s10
      $s10 = $t
    }
  }
}
$t = $s7
$s7 = 0x1bd2
if ($t <= $s9) goto 0x1b32
```

```
0x31d
--------
m[$s14] = $s1
return($s14, 0x20)
```

```
0x1bc3
--------
s[$s9] = 0x0
$s9 = 0x1 + $s9
goto 0x1b1e
```