```
solver.get_transaction_sequence(
                state, constraints +
state.world_state.constraints
            )
```

informacao de depuracao:

constraints = [UGT(2_gas, 2300),
12712706130000416558174483481322758890668937540 95 ==
Concat(0,
    If(1_calldatasize <= 12, 0, 1_calldata[12]),
    If(1_calldatasize <= 13, 0, 1_calldata[13]),
    If(1_calldatasize <= 14, 0, 1_calldata[14]),
    If(1_calldatasize <= 15, 0, 1_calldata[15]),
    If(1_calldatasize <= 16, 0, 1_calldata[16]),
    If(1_calldatasize <= 17, 0, 1_calldata[17]),
    If(1_calldatasize <= 18, 0, 1_calldata[18]),
    If(1_calldatasize <= 19, 0, 1_calldata[19]),
    If(1_calldatasize <= 20, 0, 1_calldata[20]),
    If(1_calldatasize <= 21, 0, 1_calldata[21]),
    If(1_calldatasize <= 22, 0, 1_calldata[22]),
    If(1_calldatasize <= 23, 0, 1_calldata[23]),
    If(1_calldatasize <= 24, 0, 1_calldata[24]),
    If(1_calldatasize <= 25, 0, 1_calldata[25]),
    If(1_calldatasize <= 26, 0, 1_calldata[26]),
    If(1_calldatasize <= 27, 0, 1_calldata[27]),
    If(1_calldatasize <= 28, 0, 1_calldata[28]),
    If(1_calldatasize <= 29, 0, 1_calldata[29]),
    If(1_calldatasize <= 30, 0, 1_calldata[30]),
    If(1_calldatasize <= 31, 0, 1_calldata[31]))]

state.world_state.constraints
=

```
[Or(Not(ULE(balance[100475310549029526324481294656594819817774295859 0],
          call_value1)),
   balance[100475310549029526324481294656594819817774295859 0] ==
   call_value1), True, call_value1 == 0, 1_calldatasize == 4562, True,
And(Or(1_calldatasize <= 11, 1_calldata[11] == 0),
    Or(1_calldatasize <= 10, 1_calldata[10] == 0),
    Or(1_calldatasize <= 9, 1_calldata[9] == 0),
    Or(1_calldatasize <= 8, 1_calldata[8] == 0),
    Or(1_calldatasize <= 7, 1_calldata[7] == 0),
```

```
    Or(1_calldatasize <= 6, 1_calldata[6] == 0),
    Or(1_calldatasize <= 5, 1_calldata[5] == 0),
    Or(1_calldatasize <= 4, 1_calldata[4] == 0),
    Or(1_calldatasize <= 3, 1_calldata[3] == 0),
    Or(1_calldatasize <= 2, 1_calldata[2] == 0),
    Or(1_calldatasize <= 1, 1_calldata[1] == 0),
    Or(1_calldatasize <= 0, 1_calldata[0] == 0)), Power(256, 0) == 1,
Power(256, 0) == 1, Or(Not(ULE(Store(Store(balance,
                        5142144005605572834601741900166540107421644931 1,

balance[5142144005605572834601741900166540107421644931 1] +
                        call_value1),
                    1004753105490295263244812946565948198177742958590,

balance[1004753105490295263244812946565948198177742958590] +

1157920892373161954235709850086879078532699846656405640394575840079131 2
9639935*
                    call_value1)[sender_2],
              call_value2)),
    Store(Store(balance,
                5142144005605572834601741900166540107421644931 1,
                balance[5142144005605572834601741900166540107421644931 1]
+
                call_value1),
           1004753105490295263244812946565948198177742958590,
           balance[1004753105490295263244812946565948198177742958590] +

1157920892373161954235709850086879078532699846656405640394575840079131 2
9639935*
           call_value1)[sender_2] ==
    call_value2), Or(sender_2 ==
    1004753105490295263244812946565948198177742958590,
    sender_2 ==
    1271270613000041655817448348132275889066893754095,
    sender_2 ==
    9743344248872686121357898884775220131039550286 50), ULE(4,
2_calldatasize), Not(ULE(2952712416,
          Concat(If(2_calldatasize <= 0, 0, 2_calldata[0]),
                 If(2_calldatasize <= 1, 0, 2_calldata[1]),
                 If(2_calldatasize <= 2, 0, 2_calldata[2]),
                 If(2_calldatasize <= 3, 0, 2_calldata[3])))),
And(2_calldata[3] == 61,
    Not(2_calldatasize <= 3),
    2_calldata[2] == 181,
    Not(2_calldatasize <= 2),
    2_calldata[1] == 230,
    Not(2_calldatasize <= 1),
    2_calldata[0] == 33,
    Not(2_calldatasize <= 0)), call_value2 == 0, 32 <=
```

```
11579208923731619542357098500868790785326998466564056403945758400791312
9639932 +
2_calldatasize, And(Or(2_calldatasize <= 15, 2_calldata[15] == 0),
    Or(2_calldatasize <= 14, 2_calldata[14] == 0),
    Or(2_calldatasize <= 13, 2_calldata[13] == 0),
    Or(2_calldatasize <= 12, 2_calldata[12] == 0),
    Or(2_calldatasize <= 11, 2_calldata[11] == 0),
    Or(2_calldatasize <= 10, 2_calldata[10] == 0),
    Or(2_calldatasize <= 9, 2_calldata[9] == 0),
    Or(2_calldatasize <= 8, 2_calldata[8] == 0),
    Or(2_calldatasize <= 7, 2_calldata[7] == 0),
    Or(2_calldatasize <= 6, 2_calldata[6] == 0),
    Or(2_calldatasize <= 5, 2_calldata[5] == 0),
    Or(2_calldatasize <= 4, 2_calldata[4] == 0)),
Not(And(Or(2_calldatasize <= 35, 2_calldata[35] == 0),
        Or(2_calldatasize <= 34, 2_calldata[34] == 0),
        Or(2_calldatasize <= 33, 2_calldata[33] == 0),
        Or(2_calldatasize <= 32, 2_calldata[32] == 0),
        Or(2_calldatasize <= 31, 2_calldata[31] == 0),
        Or(2_calldatasize <= 30, 2_calldata[30] == 0),
        Or(2_calldatasize <= 29, 2_calldata[29] == 0),
        Or(2_calldatasize <= 28, 2_calldata[28] == 0),
        Or(2_calldatasize <= 27, 2_calldata[27] == 0),
        Or(2_calldatasize <= 26, 2_calldata[26] == 0),
        Or(2_calldatasize <= 25, 2_calldata[25] == 0),
        Or(2_calldatasize <= 24, 2_calldata[24] == 0),
        Or(2_calldatasize <= 23, 2_calldata[23] == 0),
        Or(2_calldatasize <= 22, 2_calldata[22] == 0),
        Or(2_calldatasize <= 21, 2_calldata[21] == 0),
        Or(2_calldatasize <= 20, 2_calldata[20] == 0),
        Or(2_calldatasize <= 19, 2_calldata[19] == 0),
        Or(2_calldatasize <= 18, 2_calldata[18] == 0),
        Or(2_calldatasize <= 17, 2_calldata[17] == 0),
        Or(2_calldatasize <= 16, 2_calldata[16] == 0))), Power(256, 0)
== 1, Extract(159, 0, sender_2) ==
10047531054902952632448129465594819817774295859O, Power(256, 0) == 1,
Not(2_extcodesize_Concat(0,
       If(1_calldatasize <= 12, 0, 1_calldata[12]),
       If(1_calldatasize <= 13, 0, 1_calldata[13]),
       If(1_calldatasize <= 14, 0, 1_calldata[14]),
       If(1_calldatasize <= 15, 0, 1_calldata[15]),
       If(1_calldatasize <= 16, 0, 1_calldata[16]),
       If(1_calldatasize <= 17, 0, 1_calldata[17]),
       If(1_calldatasize <= 18, 0, 1_calldata[18]),
       If(1_calldatasize <= 19, 0, 1_calldata[19]),
       If(1_calldatasize <= 20, 0, 1_calldata[20]),
       If(1_calldatasize <= 21, 0, 1_calldata[21]),
       If(1_calldatasize <= 22, 0, 1_calldata[22]),
       If(1_calldatasize <= 23, 0, 1_calldata[23]),
       If(1_calldatasize <= 24, 0, 1_calldata[24]),
       If(1_calldatasize <= 25, 0, 1_calldata[25]),
```

```
       If(1_calldatasize <= 26, 0, 1_calldata[26]),
       If(1_calldatasize <= 27, 0, 1_calldata[27]),
       If(1_calldatasize <= 28, 0, 1_calldata[28]),
       If(1_calldatasize <= 29, 0, 1_calldata[29]),
       If(1_calldatasize <= 30, 0, 1_calldata[30]),
       If(1_calldatasize <= 31, 0, 1_calldata[31])) ==
    0)]
```

state =
```
<mythril.laser.ethereum.state.global_state.GlobalState object at
0x7f758b500770>
```

ao adentrar no codigo 1, ele entra nesse codigo 2:

```
def __add__(self, constraints: List[Union[bool, Bool]])
-> "Constraints":
        """

        :param constraints:
        :return: the new list after the + operation
        """
        constraints_list =
self._get_smt_bool_list(constraints)
        constraints_list = super(Constraints,
self).__add__(constraints_list)
        return
Constraints(constraint_list=constraints_list)
```

informacao de depuracao:

constraints_list =
[Or(Not(ULE(balance[100475310549029526324481294656594819817774295859 0],

        call_value1)),

  balance[100475310549029526324481294656594819817774295859 0] ==

  call_value1), True, call_value1 == 0, 1_calldatasize == 4562, True, And(Or(1_calldatasize <= 11, 1_calldata[11] == 0),

   Or(1_calldatasize <= 10, 1_calldata[10] == 0),

```
    Or(1_calldatasize <= 9, 1_calldata[9] == 0),

    Or(1_calldatasize <= 8, 1_calldata[8] == 0),

    Or(1_calldatasize <= 7, 1_calldata[7] == 0),

    Or(1_calldatasize <= 6, 1_calldata[6] == 0),

    Or(1_calldatasize <= 5, 1_calldata[5] == 0),

    Or(1_calldatasize <= 4, 1_calldata[4] == 0),

    Or(1_calldatasize <= 3, 1_calldata[3] == 0),

    Or(1_calldatasize <= 2, 1_calldata[2] == 0),

    Or(1_calldatasize <= 1, 1_calldata[1] == 0),

    Or(1_calldatasize <= 0, 1_calldata[0] == 0)), Power(256, 0) == 1, Power(256, 0) == 1,
Or(Not(ULE(Store(Store(balance,

                       5142144005605572834601741900166540107421644931 1,

                       balance[5142144005605572834601741900166540107421644931 1] +

                       call_value1),

                   100475310549029526324481294656594819817774295859 0,

                   balance[100475310549029526324481294656594819817774295859 0] +


1157920892373161954235709850086879078532699846656405640394575840079131296
39935*

                   call_value1)[sender_2],

               call_value2)),

      Store(Store(balance,

                  5142144005605572834601741900166540107421644931 1,

                  balance[5142144005605572834601741900166540107421644931 1] +

                  call_value1),
```

```
        100475310549029526324481294656594819817774295859O,

        balance[100475310549029526324481294656594819817774295859O] +

1157920892373161954235709850086879078532699846656405640394575840079131296
39935*

        call_value1)[sender_2] ==

   call_value2), Or(sender_2 ==

   100475310549029526324481294656594819817774295859O,

   sender_2 ==

   127127061300004165581744834813227588906689375409S,

   sender_2 ==

   974334424887268612135789888477522013103955028650), ULE(4, 2_calldatasize),
Not(ULE(2952712416,

        Concat(If(2_calldatasize <= 0, 0, 2_calldata[0]),

               If(2_calldatasize <= 1, 0, 2_calldata[1]),

               If(2_calldatasize <= 2, 0, 2_calldata[2]),

               If(2_calldatasize <= 3, 0, 2_calldata[3]))))), And(2_calldata[3] == 61,

    Not(2_calldatasize <= 3),

    2_calldata[2] == 181,

    Not(2_calldatasize <= 2),

    2_calldata[1] == 230,

    Not(2_calldatasize <= 1),

    2_calldata[0] == 33,

    Not(2_calldatasize <= 0)), call_value2 == 0, 32 <=
```

```
1157920892373161954235709850086879078532699846656405640394575840079131296
39932 +

2_calldatasize, And(Or(2_calldatasize <= 15, 2_calldata[15] == 0),

    Or(2_calldatasize <= 14, 2_calldata[14] == 0),

    Or(2_calldatasize <= 13, 2_calldata[13] == 0),

    Or(2_calldatasize <= 12, 2_calldata[12] == 0),

    Or(2_calldatasize <= 11, 2_calldata[11] == 0),

    Or(2_calldatasize <= 10, 2_calldata[10] == 0),

    Or(2_calldatasize <= 9, 2_calldata[9] == 0),

    Or(2_calldatasize <= 8, 2_calldata[8] == 0),

    Or(2_calldatasize <= 7, 2_calldata[7] == 0),

    Or(2_calldatasize <= 6, 2_calldata[6] == 0),

    Or(2_calldatasize <= 5, 2_calldata[5] == 0),

    Or(2_calldatasize <= 4, 2_calldata[4] == 0)), Not(And(Or(2_calldatasize <= 35,
2_calldata[35] == 0),

        Or(2_calldatasize <= 34, 2_calldata[34] == 0),

        Or(2_calldatasize <= 33, 2_calldata[33] == 0),

        Or(2_calldatasize <= 32, 2_calldata[32] == 0),

        Or(2_calldatasize <= 31, 2_calldata[31] == 0),

        Or(2_calldatasize <= 30, 2_calldata[30] == 0),

        Or(2_calldatasize <= 29, 2_calldata[29] == 0),

        Or(2_calldatasize <= 28, 2_calldata[28] == 0),

        Or(2_calldatasize <= 27, 2_calldata[27] == 0),

        Or(2_calldatasize <= 26, 2_calldata[26] == 0),

        Or(2_calldatasize <= 25, 2_calldata[25] == 0),
```

Or(2_calldatasize <= 24, 2_calldata[24] == 0),

Or(2_calldatasize <= 23, 2_calldata[23] == 0),

Or(2_calldatasize <= 22, 2_calldata[22] == 0),

Or(2_calldatasize <= 21, 2_calldata[21] == 0),

Or(2_calldatasize <= 20, 2_calldata[20] == 0),

Or(2_calldatasize <= 19, 2_calldata[19] == 0),

Or(2_calldatasize <= 18, 2_calldata[18] == 0),

Or(2_calldatasize <= 17, 2_calldata[17] == 0),

Or(2_calldatasize <= 16, 2_calldata[16] == 0))), Power(256, 0) == 1, Extract(159, 0, sender_2) ==

1004753105490295263244812946565948198177742958590, Power(256, 0) == 1, Not(2_extcodesize_Concat(0,

If(1_calldatasize <= 12, 0, 1_calldata[12]),

If(1_calldatasize <= 13, 0, 1_calldata[13]),

If(1_calldatasize <= 14, 0, 1_calldata[14]),

If(1_calldatasize <= 15, 0, 1_calldata[15]),

If(1_calldatasize <= 16, 0, 1_calldata[16]),

If(1_calldatasize <= 17, 0, 1_calldata[17]),

If(1_calldatasize <= 18, 0, 1_calldata[18]),

If(1_calldatasize <= 19, 0, 1_calldata[19]),

If(1_calldatasize <= 20, 0, 1_calldata[20]),

If(1_calldatasize <= 21, 0, 1_calldata[21]),

If(1_calldatasize <= 22, 0, 1_calldata[22]),

If(1_calldatasize <= 23, 0, 1_calldata[23]),

If(1_calldatasize <= 24, 0, 1_calldata[24]),

If(1_calldatasize <= 25, 0, 1_calldata[25]),

If(1_calldatasize <= 26, 0, 1_calldata[26]),

If(1_calldatasize <= 27, 0, 1_calldata[27]),

If(1_calldatasize <= 28, 0, 1_calldata[28]),

If(1_calldatasize <= 29, 0, 1_calldata[29]),

If(1_calldatasize <= 30, 0, 1_calldata[30]),

If(1_calldatasize <= 31, 0, 1_calldata[31])) ==

0)]

constraints_list

na segunda atribuição:

[UGT(2_gas, 2300), 12712706130000416558174483481322758890668937540 95 ==

Concat(0,

If(1_calldatasize <= 12, 0, 1_calldata[12]),

If(1_calldatasize <= 13, 0, 1_calldata[13]),

If(1_calldatasize <= 14, 0, 1_calldata[14]),

If(1_calldatasize <= 15, 0, 1_calldata[15]),

If(1_calldatasize <= 16, 0, 1_calldata[16]),

If(1_calldatasize <= 17, 0, 1_calldata[17]),

If(1_calldatasize <= 18, 0, 1_calldata[18]),

If(1_calldatasize <= 19, 0, 1_calldata[19]),

If(1_calldatasize <= 20, 0, 1_calldata[20]),

If(1_calldatasize <= 21, 0, 1_calldata[21]),

If(1_calldatasize <= 22, 0, 1_calldata[22]),

If(1_calldatasize <= 23, 0, 1_calldata[23]),

If(1_calldatasize <= 24, 0, 1_calldata[24]),

```
      If(1_calldatasize <= 25, 0, 1_calldata[25]),

      If(1_calldatasize <= 26, 0, 1_calldata[26]),

      If(1_calldatasize <= 27, 0, 1_calldata[27]),

      If(1_calldatasize <= 28, 0, 1_calldata[28]),

      If(1_calldatasize <= 29, 0, 1_calldata[29]),

      If(1_calldatasize <= 30, 0, 1_calldata[30]),

      If(1_calldatasize <= 31, 0, 1_calldata[31])),
Or(Not(ULE(balance[1004753105490295263244812946565948198177742958590],

          call_value1)),

   balance[1004753105490295263244812946565948198177742958590] ==

   call_value1), True, call_value1 == 0, 1_calldatasize == 4562, True, And(Or(1_calldatasize
<= 11, 1_calldata[11] == 0),

    Or(1_calldatasize <= 10, 1_calldata[10] == 0),

    Or(1_calldatasize <= 9, 1_calldata[9] == 0),

    Or(1_calldatasize <= 8, 1_calldata[8] == 0),

    Or(1_calldatasize <= 7, 1_calldata[7] == 0),

    Or(1_calldatasize <= 6, 1_calldata[6] == 0),

    Or(1_calldatasize <= 5, 1_calldata[5] == 0),

    Or(1_calldatasize <= 4, 1_calldata[4] == 0),

    Or(1_calldatasize <= 3, 1_calldata[3] == 0),

    Or(1_calldatasize <= 2, 1_calldata[2] == 0),

    Or(1_calldatasize <= 1, 1_calldata[1] == 0),

    Or(1_calldatasize <= 0, 1_calldata[0] == 0)), Power(256, 0) == 1, Power(256, 0) == 1,
Or(Not(ULE(Store(Store(balance,

                    514214400560557283460174190016654010742164493 11,
```

```
                    balance[5142144005605572834601741900166540107421644931 1] +
                    call_value1),
                100475310549029526324481294656594819817774295859 0,
                balance[100475310549029526324481294656594819817774295859 0] +

1157920892373161954235709850086879078532699846656405640394575840079131296
39935*
                call_value1)[sender_2],
            call_value2)),
    Store(Store(balance,
                5142144005605572834601741900166540107421644931 1,
                balance[5142144005605572834601741900166540107421644931 1] +
                call_value1),
            100475310549029526324481294656594819817774295859 0,
            balance[100475310549029526324481294656594819817774295859 0] +

1157920892373161954235709850086879078532699846656405640394575840079131296
39935*
            call_value1)[sender_2] ==
    call_value2), Or(sender_2 ==
    100475310549029526324481294656594819817774295859 0,
    sender_2 ==
    127127061300004165581744834813227588906689375409 5,
    sender_2 ==
    974334424887268612135789888477522013103955028650), ULE(4, 2_calldatasize),
Not(ULE(2952712416,
```

```
    Concat(If(2_calldatasize <= 0, 0, 2_calldata[0]),
           If(2_calldatasize <= 1, 0, 2_calldata[1]),
           If(2_calldatasize <= 2, 0, 2_calldata[2]),
           If(2_calldatasize <= 3, 0, 2_calldata[3]))))), And(2_calldata[3] == 61,
  Not(2_calldatasize <= 3),
  2_calldata[2] == 181,
  Not(2_calldatasize <= 2),
  2_calldata[1] == 230,
  Not(2_calldatasize <= 1),
  2_calldata[0] == 33,
  Not(2_calldatasize <= 0)), call_value2 == 0, 32 <=
1157920892373161954235709850086879078532699846656405640394575840079131296
39932 +
2_calldatasize, And(Or(2_calldatasize <= 15, 2_calldata[15] == 0),
  Or(2_calldatasize <= 14, 2_calldata[14] == 0),
  Or(2_calldatasize <= 13, 2_calldata[13] == 0),
  Or(2_calldatasize <= 12, 2_calldata[12] == 0),
  Or(2_calldatasize <= 11, 2_calldata[11] == 0),
  Or(2_calldatasize <= 10, 2_calldata[10] == 0),
  Or(2_calldatasize <= 9, 2_calldata[9] == 0),
  Or(2_calldatasize <= 8, 2_calldata[8] == 0),
  Or(2_calldatasize <= 7, 2_calldata[7] == 0),
  Or(2_calldatasize <= 6, 2_calldata[6] == 0),
  Or(2_calldatasize <= 5, 2_calldata[5] == 0),
```

Or(2_calldatasize <= 4, 2_calldata[4] == 0)), Not(And(Or(2_calldatasize <= 35, 2_calldata[35] == 0),

Or(2_calldatasize <= 34, 2_calldata[34] == 0),

Or(2_calldatasize <= 33, 2_calldata[33] == 0),

Or(2_calldatasize <= 32, 2_calldata[32] == 0),

Or(2_calldatasize <= 31, 2_calldata[31] == 0),

Or(2_calldatasize <= 30, 2_calldata[30] == 0),

Or(2_calldatasize <= 29, 2_calldata[29] == 0),

Or(2_calldatasize <= 28, 2_calldata[28] == 0),

Or(2_calldatasize <= 27, 2_calldata[27] == 0),

Or(2_calldatasize <= 26, 2_calldata[26] == 0),

Or(2_calldatasize <= 25, 2_calldata[25] == 0),

Or(2_calldatasize <= 24, 2_calldata[24] == 0),

Or(2_calldatasize <= 23, 2_calldata[23] == 0),

Or(2_calldatasize <= 22, 2_calldata[22] == 0),

Or(2_calldatasize <= 21, 2_calldata[21] == 0),

Or(2_calldatasize <= 20, 2_calldata[20] == 0),

Or(2_calldatasize <= 19, 2_calldata[19] == 0),

Or(2_calldatasize <= 18, 2_calldata[18] == 0),

Or(2_calldatasize <= 17, 2_calldata[17] == 0),

Or(2_calldatasize <= 16, 2_calldata[16] == 0))), Power(256, 0) == 1, Extract(159, 0, sender_2) ==

1004753105490295263244812946565948198177742958590, Power(256, 0) == 1, Not(2_extcodesize_Concat(0,

If(1_calldatasize <= 12, 0, 1_calldata[12]),

```
    If(1_calldatasize <= 13, 0, 1_calldata[13]),
    If(1_calldatasize <= 14, 0, 1_calldata[14]),
    If(1_calldatasize <= 15, 0, 1_calldata[15]),
    If(1_calldatasize <= 16, 0, 1_calldata[16]),
    If(1_calldatasize <= 17, 0, 1_calldata[17]),
    If(1_calldatasize <= 18, 0, 1_calldata[18]),
    If(1_calldatasize <= 19, 0, 1_calldata[19]),
    If(1_calldatasize <= 20, 0, 1_calldata[20]),
    If(1_calldatasize <= 21, 0, 1_calldata[21]),
    If(1_calldatasize <= 22, 0, 1_calldata[22]),
    If(1_calldatasize <= 23, 0, 1_calldata[23]),
    If(1_calldatasize <= 24, 0, 1_calldata[24]),
    If(1_calldatasize <= 25, 0, 1_calldata[25]),
    If(1_calldatasize <= 26, 0, 1_calldata[26]),
    If(1_calldatasize <= 27, 0, 1_calldata[27]),
    If(1_calldatasize <= 28, 0, 1_calldata[28]),
    If(1_calldatasize <= 29, 0, 1_calldata[29]),
    If(1_calldatasize <= 30, 0, 1_calldata[30]),
    If(1_calldatasize <= 31, 0, 1_calldata[31])) ==
  0)]
```

ao adentrar no codigo 2, ele entra nesse codigo 3:

```
@staticmethod
```

```
    def _get_smt_bool_list(constraints:
Iterable[Union[bool, Bool]]) -> List[Bool]:
        return [
            (
                constraint
                if isinstance(constraint, Bool)
                else symbol_factory.Bool(constraint)
            )
            for constraint in constraints
        ]
```

ao adentrar no codigo 2, ele entra nesse codigo 4:

```
class Constraints(list):
    """This class should maintain a solver and it's
constraints, This class
    tries to make the Constraints() object as a simple
list of constraints with
    some background processing.

    """

    def __init__(self, constraint_list:
Optional[List[Bool]] = None) -> None:
        """

        :param constraint_list: List of constraints
        """
        constraint_list = constraint_list or []
        constraint_list =
self._get_smt_bool_list(constraint_list)
        super(Constraints,
self).__init__(constraint_list)
```

codigo 5:

```
def get_transaction_sequence(
    global_state: GlobalState, constraints: Constraints
) -> Dict[str, Any]:
    """Generate concrete transaction sequence.
    Note: This function only considers the constraints
in constraint argument,
    which in some cases is expected to differ from
global_state's constraints

    :param global_state: GlobalState to generate
transaction sequence for
    :param constraints: list of constraints used to
generate transaction sequence
    """
    transaction_sequence =
global_state.world_state.transaction_sequence
    concrete_transactions = []
    tx_constraints, minimize =
_set_minimisation_constraints(
        transaction_sequence, constraints.copy(), [],
5000, global_state.world_state
    )

    try:
        model = get_model(tx_constraints,
minimize=minimize)
    except UnsatError:
        raise UnsatError

    if isinstance(transaction_sequence[0],
ContractCreationTransaction):
        initial_world_state =
transaction_sequence[0].prev_world_state
```

```
    else:
        initial_world_state =
transaction_sequence[0].world_state

    initial_accounts = initial_world_state.accounts

    for transaction in transaction_sequence:
        concrete_transaction =
_get_concrete_transaction(model, transaction)

concrete_transactions.append(concrete_transaction)

    min_price_dict: Dict[str, int] = {}
    for address in initial_accounts.keys():
        min_price_dict[address] = model.eval(
            initial_world_state.starting_balances[
                symbol_factory.BitVecVal(address, 256)
            ].raw,
            model_completion=True,
        ).as_long()

    concrete_initial_state =
_get_concrete_state(initial_accounts, min_price_dict)
    if isinstance(transaction_sequence[0],
ContractCreationTransaction):
        code = transaction_sequence[0].code
        _replace_with_actual_sha(concrete_transactions,
model, code)
    else:
        _replace_with_actual_sha(concrete_transactions,
model)
    _add_calldata_placeholder(concrete_transactions,
transaction_sequence)
```

```
    steps = {"initialState": concrete_initial_state,
"steps": concrete_transactions}

    return steps
```

argumentos que foram passados para ela:
constraints = [UGT(2_gas, 2300),
127127061300004165581744834813227588906689375409 5 ==
Concat(0,
      If(1_calldatasize <= 12, 0, 1_calldata[12]),
      If(1_calldatasize <= 13, 0, 1_calldata[13]),
      If(1_calldatasize <= 14, 0, 1_calldata[14]),
      If(1_calldatasize <= 15, 0, 1_calldata[15]),
      If(1_calldatasize <= 16, 0, 1_calldata[16]),
      If(1_calldatasize <= 17, 0, 1_calldata[17]),
      If(1_calldatasize <= 18, 0, 1_calldata[18]),
      If(1_calldatasize <= 19, 0, 1_calldata[19]),
      If(1_calldatasize <= 20, 0, 1_calldata[20]),
      If(1_calldatasize <= 21, 0, 1_calldata[21]),
      If(1_calldatasize <= 22, 0, 1_calldata[22]),
      If(1_calldatasize <= 23, 0, 1_calldata[23]),
      If(1_calldatasize <= 24, 0, 1_calldata[24]),
      If(1_calldatasize <= 25, 0, 1_calldata[25]),
      If(1_calldatasize <= 26, 0, 1_calldata[26]),
      If(1_calldatasize <= 27, 0, 1_calldata[27]),
      If(1_calldatasize <= 28, 0, 1_calldata[28]),
      If(1_calldatasize <= 29, 0, 1_calldata[29]),
      If(1_calldatasize <= 30, 0, 1_calldata[30]),
      If(1_calldatasize <= 31, 0, 1_calldata[31])),
Or(Not(ULE(balance[1004753105490295263244812946565948198177742958590],
        call_value1)),
  balance[1004753105490295263244812946565948198177742958590] ==
  call_value1), True, call_value1 == 0, 1_calldatasize == 4562, True, And(Or(1_calldatasize
<= 11, 1_calldata[11] == 0),
   Or(1_calldatasize <= 10, 1_calldata[10] == 0),
   Or(1_calldatasize <= 9, 1_calldata[9] == 0),
   Or(1_calldatasize <= 8, 1_calldata[8] == 0),
   Or(1_calldatasize <= 7, 1_calldata[7] == 0),
   Or(1_calldatasize <= 6, 1_calldata[6] == 0),
   Or(1_calldatasize <= 5, 1_calldata[5] == 0),
   Or(1_calldatasize <= 4, 1_calldata[4] == 0),
   Or(1_calldatasize <= 3, 1_calldata[3] == 0),
   Or(1_calldatasize <= 2, 1_calldata[2] == 0),
   Or(1_calldatasize <= 1, 1_calldata[1] == 0),

```
   Or(1_calldatasize <= 0, 1_calldata[0] == 0)), Power(256, 0) == 1, Power(256, 0) == 1,
Or(Not(ULE(Store(Store(balance,
                       5142144005605572834601741900166540107421644931 1,
                       balance[5142144005605572834601741900166540107421644931 1] +
                       call_value1),
                  1004753105490295263244812946565948198177742958590,
                  balance[1004753105490295263244812946565948198177742958590] +

1157920892373161954235709850086879078532699846656405640394575840079131296
39935*
                   call_value1)[sender_2],
            call_value2)),
  Store(Store(balance,
              5142144005605572834601741900166540107421644931 1,
              balance[5142144005605572834601741900166540107421644931 1] +
              call_value1),
         1004753105490295263244812946565948198177742958590,
         balance[1004753105490295263244812946565948198177742958590] +

1157920892373161954235709850086879078532699846656405640394575840079131296
39935*
          call_value1)[sender_2] ==
  call_value2), Or(sender_2 ==
  1004753105490295263244812946565948198177742958590,
  sender_2 ==
  1271270613000041655817448348132275889066893754095,
  sender_2 ==
  9743344248872686121357898884775220131039550286 50), ULE(4, 2_calldatasize),
Not(ULE(2952712416,
         Concat(If(2_calldatasize <= 0, 0, 2_calldata[0]),
                If(2_calldatasize <= 1, 0, 2_calldata[1]),
                If(2_calldatasize <= 2, 0, 2_calldata[2]),
                If(2_calldatasize <= 3, 0, 2_calldata[3])))), And(2_calldata[3] == 61,
   Not(2_calldatasize <= 3),
   2_calldata[2] == 181,
   Not(2_calldatasize <= 2),
   2_calldata[1] == 230,
   Not(2_calldatasize <= 1),
   2_calldata[0] == 33,
   Not(2_calldatasize <= 0)), call_value2 == 0, 32 <=
1157920892373161954235709850086879078532699846656405640394575840079131296
39932 +
2_calldatasize, And(Or(2_calldatasize <= 15, 2_calldata[15] == 0),
   Or(2_calldatasize <= 14, 2_calldata[14] == 0),
   Or(2_calldatasize <= 13, 2_calldata[13] == 0),
   Or(2_calldatasize <= 12, 2_calldata[12] == 0),
   Or(2_calldatasize <= 11, 2_calldata[11] == 0),
   Or(2_calldatasize <= 10, 2_calldata[10] == 0),
```

```
    Or(2_calldatasize <= 9, 2_calldata[9] == 0),
    Or(2_calldatasize <= 8, 2_calldata[8] == 0),
    Or(2_calldatasize <= 7, 2_calldata[7] == 0),
    Or(2_calldatasize <= 6, 2_calldata[6] == 0),
    Or(2_calldatasize <= 5, 2_calldata[5] == 0),
    Or(2_calldatasize <= 4, 2_calldata[4] == 0)), Not(And(Or(2_calldatasize <= 35,
2_calldata[35] == 0),
        Or(2_calldatasize <= 34, 2_calldata[34] == 0),
        Or(2_calldatasize <= 33, 2_calldata[33] == 0),
        Or(2_calldatasize <= 32, 2_calldata[32] == 0),
        Or(2_calldatasize <= 31, 2_calldata[31] == 0),
        Or(2_calldatasize <= 30, 2_calldata[30] == 0),
        Or(2_calldatasize <= 29, 2_calldata[29] == 0),
        Or(2_calldatasize <= 28, 2_calldata[28] == 0),
        Or(2_calldatasize <= 27, 2_calldata[27] == 0),
        Or(2_calldatasize <= 26, 2_calldata[26] == 0),
        Or(2_calldatasize <= 25, 2_calldata[25] == 0),
        Or(2_calldatasize <= 24, 2_calldata[24] == 0),
        Or(2_calldatasize <= 23, 2_calldata[23] == 0),
        Or(2_calldatasize <= 22, 2_calldata[22] == 0),
        Or(2_calldatasize <= 21, 2_calldata[21] == 0),
        Or(2_calldatasize <= 20, 2_calldata[20] == 0),
        Or(2_calldatasize <= 19, 2_calldata[19] == 0),
        Or(2_calldatasize <= 18, 2_calldata[18] == 0),
        Or(2_calldatasize <= 17, 2_calldata[17] == 0),
        Or(2_calldatasize <= 16, 2_calldata[16] == 0))), Power(256, 0) == 1, Extract(159, 0,
sender_2) ==
1004753105490295263244812946565948198177742958590, Power(256, 0) == 1,
Not(2_extcodesize_Concat(0,
      If(1_calldatasize <= 12, 0, 1_calldata[12]),
      If(1_calldatasize <= 13, 0, 1_calldata[13]),
      If(1_calldatasize <= 14, 0, 1_calldata[14]),
      If(1_calldatasize <= 15, 0, 1_calldata[15]),
      If(1_calldatasize <= 16, 0, 1_calldata[16]),
      If(1_calldatasize <= 17, 0, 1_calldata[17]),
      If(1_calldatasize <= 18, 0, 1_calldata[18]),
      If(1_calldatasize <= 19, 0, 1_calldata[19]),
      If(1_calldatasize <= 20, 0, 1_calldata[20]),
      If(1_calldatasize <= 21, 0, 1_calldata[21]),
      If(1_calldatasize <= 22, 0, 1_calldata[22]),
      If(1_calldatasize <= 23, 0, 1_calldata[23]),
      If(1_calldatasize <= 24, 0, 1_calldata[24]),
      If(1_calldatasize <= 25, 0, 1_calldata[25]),
      If(1_calldatasize <= 26, 0, 1_calldata[26]),
      If(1_calldatasize <= 27, 0, 1_calldata[27]),
      If(1_calldatasize <= 28, 0, 1_calldata[28]),
      If(1_calldatasize <= 29, 0, 1_calldata[29]),
      If(1_calldatasize <= 30, 0, 1_calldata[30]),
```

If(1_calldatasize <= 31, 0, 1_calldata[31])) ==
0)]

outras informações de debug que foram sendo geradas ao executar o codigo 5:
transaction_sequence =
[<mythril.laser.ethereum.transaction.transaction_models.ContractCreationTransaction object at 0x7f758b6b2270>,
<mythril.laser.ethereum.transaction.transaction_models.MessageCallTransaction object at 0x7f75889b25d0>]

tx_constraints = [UGT(2_gas, 2300),
1271270613000041655817448348132275889066893754095 ==
Concat(0,
If(1_calldatasize <= 12, 0, 1_calldata[12]),
If(1_calldatasize <= 13, 0, 1_calldata[13]),
If(1_calldatasize <= 14, 0, 1_calldata[14]),
If(1_calldatasize <= 15, 0, 1_calldata[15]),
If(1_calldatasize <= 16, 0, 1_calldata[16]),
If(1_calldatasize <= 17, 0, 1_calldata[17]),
If(1_calldatasize <= 18, 0, 1_calldata[18]),
If(1_calldatasize <= 19, 0, 1_calldata[19]),
If(1_calldatasize <= 20, 0, 1_calldata[20]),
If(1_calldatasize <= 21, 0, 1_calldata[21]),
If(1_calldatasize <= 22, 0, 1_calldata[22]),
If(1_calldatasize <= 23, 0, 1_calldata[23]),
If(1_calldatasize <= 24, 0, 1_calldata[24]),
If(1_calldatasize <= 25, 0, 1_calldata[25]),
If(1_calldatasize <= 26, 0, 1_calldata[26]),
If(1_calldatasize <= 27, 0, 1_calldata[27]),
If(1_calldatasize <= 28, 0, 1_calldata[28]),
If(1_calldatasize <= 29, 0, 1_calldata[29]),
If(1_calldatasize <= 30, 0, 1_calldata[30]),
If(1_calldatasize <= 31, 0, 1_calldata[31])),
Or(Not(ULE(balance[1004753105490295263244812946565948198177742958590],
call_value1)),
balance[1004753105490295263244812946565948198177742958590] ==
call_value1), True, call_value1 == 0, 1_calldatasize == 4562, True, And(Or(1_calldatasize <= 11, 1_calldata[11] == 0),
Or(1_calldatasize <= 10, 1_calldata[10] == 0),
Or(1_calldatasize <= 9, 1_calldata[9] == 0),
Or(1_calldatasize <= 8, 1_calldata[8] == 0),
Or(1_calldatasize <= 7, 1_calldata[7] == 0),
Or(1_calldatasize <= 6, 1_calldata[6] == 0),
Or(1_calldatasize <= 5, 1_calldata[5] == 0),
Or(1_calldatasize <= 4, 1_calldata[4] == 0),
Or(1_calldatasize <= 3, 1_calldata[3] == 0),
Or(1_calldatasize <= 2, 1_calldata[2] == 0),
Or(1_calldatasize <= 1, 1_calldata[1] == 0),

```
   Or(1_calldatasize <= 0, 1_calldata[0] == 0)), Power(256, 0) == 1, Power(256, 0) == 1,
Or(Not(ULE(Store(Store(balance,
                       5142144005605572834601741900166540107421644931 1,
                       balance[5142144005605572834601741900166540107421644931 1] +
                       call_value1),
                  1004753105490295263244812946565948198177742958590,
                  balance[1004753105490295263244812946565948198177742958590] +

1157920892373161954235709850086879078532699846656405640394575840079131296
39935*
                   call_value1)[sender_2],
            call_value2)),
  Store(Store(balance,
              5142144005605572834601741900166540107421644931 1,
              balance[5142144005605572834601741900166540107421644931 1] +
              call_value1),
         1004753105490295263244812946565948198177742958590,
         balance[1004753105490295263244812946565948198177742958590] +

1157920892373161954235709850086879078532699846656405640394575840079131296
39935*
          call_value1)[sender_2] ==
  call_value2), Or(sender_2 ==
  1004753105490295263244812946565948198177742958590,
  sender_2 ==
  1271270613000041655817448348132275889066893754095,
  sender_2 ==
  9743344248872686121357898884775220131039550286 50), ULE(4, 2_calldatasize),
Not(ULE(2952712416,
         Concat(If(2_calldatasize <= 0, 0, 2_calldata[0]),
                If(2_calldatasize <= 1, 0, 2_calldata[1]),
                If(2_calldatasize <= 2, 0, 2_calldata[2]),
                If(2_calldatasize <= 3, 0, 2_calldata[3])))), And(2_calldata[3] == 61,
   Not(2_calldatasize <= 3),
   2_calldata[2] == 181,
   Not(2_calldatasize <= 2),
   2_calldata[1] == 230,
   Not(2_calldatasize <= 1),
   2_calldata[0] == 33,
   Not(2_calldatasize <= 0)), call_value2 == 0, 32 <=
1157920892373161954235709850086879078532699846656405640394575840079131296
39932 +
2_calldatasize, And(Or(2_calldatasize <= 15, 2_calldata[15] == 0),
   Or(2_calldatasize <= 14, 2_calldata[14] == 0),
   Or(2_calldatasize <= 13, 2_calldata[13] == 0),
   Or(2_calldatasize <= 12, 2_calldata[12] == 0),
   Or(2_calldatasize <= 11, 2_calldata[11] == 0),
   Or(2_calldatasize <= 10, 2_calldata[10] == 0),
```

```
    Or(2_calldatasize <= 9, 2_calldata[9] == 0),
    Or(2_calldatasize <= 8, 2_calldata[8] == 0),
    Or(2_calldatasize <= 7, 2_calldata[7] == 0),
    Or(2_calldatasize <= 6, 2_calldata[6] == 0),
    Or(2_calldatasize <= 5, 2_calldata[5] == 0),
    Or(2_calldatasize <= 4, 2_calldata[4] == 0)), Not(And(Or(2_calldatasize <= 35,
2_calldata[35] == 0),
        Or(2_calldatasize <= 34, 2_calldata[34] == 0),
        Or(2_calldatasize <= 33, 2_calldata[33] == 0),
        Or(2_calldatasize <= 32, 2_calldata[32] == 0),
        Or(2_calldatasize <= 31, 2_calldata[31] == 0),
        Or(2_calldatasize <= 30, 2_calldata[30] == 0),
        Or(2_calldatasize <= 29, 2_calldata[29] == 0),
        Or(2_calldatasize <= 28, 2_calldata[28] == 0),
        Or(2_calldatasize <= 27, 2_calldata[27] == 0),
        Or(2_calldatasize <= 26, 2_calldata[26] == 0),
        Or(2_calldatasize <= 25, 2_calldata[25] == 0),
        Or(2_calldatasize <= 24, 2_calldata[24] == 0),
        Or(2_calldatasize <= 23, 2_calldata[23] == 0),
        Or(2_calldatasize <= 22, 2_calldata[22] == 0),
        Or(2_calldatasize <= 21, 2_calldata[21] == 0),
        Or(2_calldatasize <= 20, 2_calldata[20] == 0),
        Or(2_calldatasize <= 19, 2_calldata[19] == 0),
        Or(2_calldatasize <= 18, 2_calldata[18] == 0),
        Or(2_calldatasize <= 17, 2_calldata[17] == 0),
        Or(2_calldatasize <= 16, 2_calldata[16] == 0))), Power(256, 0) == 1, Extract(159, 0,
sender_2) ==
1004753105490295263244812946565948198177742958590, Power(256, 0) == 1,
Not(2_extcodesize_Concat(0,
      If(1_calldatasize <= 12, 0, 1_calldata[12]),
      If(1_calldatasize <= 13, 0, 1_calldata[13]),
      If(1_calldatasize <= 14, 0, 1_calldata[14]),
      If(1_calldatasize <= 15, 0, 1_calldata[15]),
      If(1_calldatasize <= 16, 0, 1_calldata[16]),
      If(1_calldatasize <= 17, 0, 1_calldata[17]),
      If(1_calldatasize <= 18, 0, 1_calldata[18]),
      If(1_calldatasize <= 19, 0, 1_calldata[19]),
      If(1_calldatasize <= 20, 0, 1_calldata[20]),
      If(1_calldatasize <= 21, 0, 1_calldata[21]),
      If(1_calldatasize <= 22, 0, 1_calldata[22]),
      If(1_calldatasize <= 23, 0, 1_calldata[23]),
      If(1_calldatasize <= 24, 0, 1_calldata[24]),
      If(1_calldatasize <= 25, 0, 1_calldata[25]),
      If(1_calldatasize <= 26, 0, 1_calldata[26]),
      If(1_calldatasize <= 27, 0, 1_calldata[27]),
      If(1_calldatasize <= 28, 0, 1_calldata[28]),
      If(1_calldatasize <= 29, 0, 1_calldata[29]),
      If(1_calldatasize <= 30, 0, 1_calldata[30]),
```

```
      If(1_calldatasize <= 31, 0, 1_calldata[31])) ==
   0), Or(Not(ULE(5000, 1_calldatasize)), 1_calldatasize == 5000),
Or(Not(ULE(100000000000000000000,
           balance[1004753105490295263244812946565948198177742958590])),
  balance[1004753105490295263244812946565948198177742958590] ==
  100000000000000000000), Or(Not(ULE(5000, 2_calldatasize)), 2_calldatasize == 5000),
Or(Not(ULE(100000000000000000000, balance[sender_2])),
  balance[sender_2] == 100000000000000000000),
Or(Not(ULE(100000000000000000,
           balance[1004753105490295263244812946565948198177742958590])),
  balance[1004753105490295263244812946565948198177742958590] ==
  100000000000000000), Or(Not(ULE(100000000000000000,
           balance[127127061300004165581744834813227588906689375 4095])),
  balance[127127061300004165581744834813227588906689375 4095] ==
  100000000000000000), Or(Not(ULE(100000000000000000,
           balance[514214400560557283460174190016654010742164493 11])),
  balance[514214400560557283460174190016654010742164493 11] ==
  100000000000000000)]


minimize = (1_calldatasize, call_value1, 2_calldatasize, call_value2)

model = <mythril.laser.smt.model.Model object at 0x7f758b5011c0>

model.raw = [[balance = K(BitVec(256), 0),
 2_gas = 10494,
 2_extcodesize_Concat(0,
      If(1_calldatasize <= 12, 0, 1_calldata[12]),
      If(1_calldatasize <= 13, 0, 1_calldata[13]),
      If(1_calldatasize <= 14, 0, 1_calldata[14]),
      If(1_calldatasize <= 15, 0, 1_calldata[15]),
      If(1_calldatasize <= 16, 0, 1_calldata[16]),
      If(1_calldatasize <= 17, 0, 1_calldata[17]),
      If(1_calldatasize <= 18, 0, 1_calldata[18]),
      If(1_calldatasize <= 19, 0, 1_calldata[19]),
      If(1_calldatasize <= 20, 0, 1_calldata[20]),
      If(1_calldatasize <= 21, 0, 1_calldata[21]),
      If(1_calldatasize <= 22, 0, 1_calldata[22]),
      If(1_calldatasize <= 23, 0, 1_calldata[23]),
      If(1_calldatasize <= 24, 0, 1_calldata[24]),
      If(1_calldatasize <= 25, 0, 1_calldata[25]),
      If(1_calldatasize <= 26, 0, 1_calldata[26]),
      If(1_calldatasize <= 27, 0, 1_calldata[27]),
      If(1_calldatasize <= 28, 0, 1_calldata[28]),
      If(1_calldatasize <= 29, 0, 1_calldata[29]),
      If(1_calldatasize <= 30, 0, 1_calldata[30]),
      If(1_calldatasize <= 31, 0, 1_calldata[31])) = 1,
 2_calldata = Store(Store(Store(Store(Store(K(BitVec(256),
```

0),
2,
181),
3,
61),
0,
33),
1,
230),
35,
1),
2_calldatasize = 36,
1_calldata =
Store(Store(Store(Store(Store(Store(Store(Store(Store(Store(Store(Store(Store(Store(Store(Store(
Store(Store(Store(Store(Store(K(BitVec(256),
0),
14,
190),
25,
173),
22,
190),
21,
173),
29,
173),
23,
239),
15,
239),
16,
222),
30,
190),
12,
222),
31,
239),
20,
222),
24,
222),
19,
239),
13,
173),
18,
190),

28,
222),
17,
173),
27,
239),
26,
190),
sender_2 = 100475310549029526324481294656594819817774295859 0,
call_value1 = 0,
1_calldatasize = 4562,
call_value2 = 0,
Power = [else -> 1],
keccak256_512 = [else ->

1157920892373161954235709850086879074501244401813002846636829531870991147 43296],
keccak256_512-1 = [else ->

1157920892373161954235709850086879078532699846656405640394575840079131296 39940]]]

transaction_sequence[0] =
ContractCreationTransaction 1 from 100475310549029526324481294656594819817774295859 0 to 0x901d12ebe1b195e5aa8748e62bd7734ae19b51f

initial_world_state = <mythril.laser.ethereum.state.world_state.WorldState object at 0x7f758b6b2f90>

concrete_transaction = {'input':
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906101000a900473ffffffffffffffffffffffffffffffffffffffff1673ffffffffffffffffffffffffffffffffffffffff1663f2
fde38b826040518263ffffffff1660e01b815260040161031091906 10c63565b6000604051808
30381600087803b15801561032a57600080fd5b505af115801561033e573d6000803e3d600
0fd5b5050505050565b6000309050600080549061 01000a900473ffffffffffffffffffffffffffffffffff
ffffff1673ffffffffffffffffffffffffffffffffffffffff163373ffffffffffffffffffffffffffffffffffffffff16146103d857
6040517f08c379a00000000000000000000000000000000000000000000000000000000081
526004016103cf90610d30565b60405180910390fd5b6000151560046000848152602001 90
81526020016000206000905490610100 0a900460ff161515146104 3f576040517f08c379a00
000000000000000000000000000000000000000000000000000000815260040161043690
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concrete_transactions = [{'input': '0x6080604052348015610010576000080fd5b50604051610fd2380380610fd28339818101604052810190610032919061000ce565b3360008061010000a81548173ffffffffffffffffffffffffffffffffffffffff021916908373ffffffffffffffffffffffffffffffffffffffff160217905550806001600061010000a81548173ffffffffffffffffffffffffffffffffffffffff021916908373ffffffffffffffffffffffffffffffffffffffff16021790555050610140565b6000815190506100c881610129565b92915050565b6000602082840312156100e057600080fd5b60006100ee848285016100b9565b91505092915050565b60006101028261010956 5b9050919050565b600073ffffffffffffffffffffffffffffffffffffffff82169050919050565b610132816100f7565b811461013d57600080fd5b50565b610e838061014f6000396000f3fe608060405260043610610 08a5760003560e01c8063affed0e011610059578063affed0e014610150578063d493b9ac1461017b578063f2fde38b146101a4578063f851a440146101cd578063fc0c546a146101f857610091565b806321e6b53d14610096578063 8326acce146100bf57806391dae519146100e8578063a090588014610125576100 91565b366100915700 5b600080fd5b3480156100a257600080fd5b506100bd6004803603810190610 0b89190610a65565b610223565b005b3480156100cb57600080fd5b506100e66004803603810190610 0e19190610add565b610345565b005b3480156100f457600080fd5b5061010f6004803603810190610 10a9190610b55565b610652565b6040516101 1c9190610cfa565b60405180910390f35b3480156101 3157600080fd5b5061013a610672565b604051610147919 0610c63565b60405180910390f35b34801561015c57600080fd5b50610165610698565b604051610172 9190610d70565b60405180910390f35b34801561018757600080fd5b506101a26004803603810190610 19d9190610a8e565b61069e565b005b3480156101b057600080fd5b506101cb6004803603810190610 1c69190610a65565b610878565b005b3480156101d957600080fd5b506101e26109c7565b604051610 1ef9190610c63565b60405180910390f35b34801561020457600080fd5b5061020d6109eb565b604051610 21a9190610d15565b60405180910390f35b600073ffffffffffffffffffffffffffffffffffffffff168173ffffffffffffffffffffffffffffffffffffffff16141561025d57600080fd5b60008054906101000a900473ffffffffffffffffffffffffffffffffffffffff1673ffffffffffffffffffffffffffffffffffffffff163373ffffffffffffffffffffffffffffffffffffffff16146102b557600080fd5b6001600090 54906101000a900473ffffffffffffffffffffffffffffffffffffffff1673ffffffffffffffffffffffffffffffffffffffff1663f2fde38b82

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code = <mythril.disassembler.disassembly.Disassembly object at 0x7f758b50e240>

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