```
0x52a
assert(0 == msg.value)
s3 = ad mask & c[0x24]
$s4 = c[0x44]
$s5 = c[0x64]
$s6 = ad mask & c[0x84]
$s7 = ad_{mask} \& c[0xa4]
$s8 = ad mask & c[0xc4]
$s9 = ad_{mask \& c[0xe4]}
$s10 = a\overline{d} \text{ mask } \& c[0x104]
$s11 = ad_{mask \& c[0x124]}
$s12 = c[0x144]
assert((ad mask \& s[0x0]) == msg.sender)
assert(0 =  (ad_mask \& s[0x3]))
s[0x3] = $\overline{s}15
m[0\times20 + \$m] = 0\times0
$s13 = ad mask & $s15
assert(extcodesize($s13))
assert(call(msg.gas - 0x2c6, $s13, 0x0, $m, 0x4, $m, 0x20))
assert(0 == m[$m])
m[0 \times 20 + \$m] = 0 \times 0
$s18 = ad mask & s[0x3]
assert(extcodesize(\$s18))
assert(call(msg.gas - 0x2c6, $s18, 0x0, $m, 0x4, $m, 0x20))
assert((ad_mask \& m[$m]) == (ad_mask \& self))
m[0 \times 20 + \$m] = 0 \times 0
$s13 = ad mask & s[0x3]
assert(extcodesize($s13))
assert(call(msg.gas - 0x2c6, $s13, 0x0, $m, 0x4, $m, 0x20))
assert(0x12 == (0xff \& m[$m]))
assert(ad mask & $s3)
$s13 = intca\overline{l}(0x1332)
assert(\$s4 >= \$s13)
assert($s4 < $s5)
s[0x4] = $s4
s[0x5] = $s5
assert(ad mask & $s6)
assert(ad mask & $s7)
assert(ad mask \& $s8)
assert(ad mask & $s9)
assert(ad mask & $s10)
assert(ad mask & $s11)
s[0x2] = $\overline{s}15
m[0 \times 20 + $m] = 0 \times 0
$s13 = ad mask & $s15
assert(extcodesize($s13))
assert(call(msg.gas - 0x2c6, $s13, 0x0, $m, 0x4, $m, 0x20))
assert(\$s12 >= m[\$m])
s[0x9] = $s12
stop()
```