```
0x418
--------
assert(0 == msg.value)
$s4 = intcall7(0xbfe)
assert($s4 < s[0x2])
m[0x0] = 0x2
$s2 = ad_mask & s[0x2 + ((0x4 * $s4) + sha3(0x0, 0x20))]
m[$m] = ad_mask & $s2
return($m, (0x20 + $m) - $m)
```