```
0x00000000 PUSH1 0x80
0x00000002 PUSH1 0x40
0x00000004 MSTORE
0x00000005 PUSH1 0x4
0x00000007 CALLDATASIZE
0x00000008 LT
0x00000009 PUSH2 0x56
0x0000000c JUMPI
```

```
0x0000015f PUSH1 0x0
0x00000161 DUP1
0x00000162 REVERT
```

```
0x0000013f JUMPDEST
0x00000140 PUSH1 0x0
0x00000142 SLOAD
0x00000143 PUSH20 0xffffffffffffffffffffffffffffffffffffffff
0x00000158 AND
0x00000159 CALLER
0x0000015a EQ
0x0000015b PUSH2 0x162
0x0000015e JUMPI
```

```
0x000001aa JUMPDEST
0x000001ab CALLER
0x000001ac PUSH1 0x0
0x000001ae SWAP1
0x000001af DUP2
0x000001b0 MSTORE
0x000001b1 PUSH1 0x1
0x000001b3 PUSH1 0x20
0x000001b5 MSTORE
0x000001b6 PUSH1 0x40
0x000001b8 SWAP1
0x000001b9 SHA3
0x000001ba SLOAD
0x000001bb CALLVALUE
0x000001bc DUP2
0x000001bd ADD
0x000001be GT
0x000001bf PUSH2 0x1c3
0x000001c2 JUMPI
```

```
0x00000073 JUMPDEST
0x00000074 STOP
```

```
0x00000101 JUMPDEST
0x00000102 CALL
0x00000103 SWAP4
0x00000104 POP
0x00000105 POP
0x00000106 POP
0x00000107 POP
0x00000108 ISZERO
0x00000109 DUP1
0x0000010a ISZERO
0x0000010b PUSH2 0x117
0x0000010e JUMPI
```

```
0x000001c3 INVALID
```

```
0x00000163 JUMPDEST
0x00000164 PUSH1 0x40
0x00000166 MLOAD
0x00000167 PUSH20 0xffffffffffffffffffffffffffffffffffffffff
0x0000017c DUP3
0x0000017d AND
0x0000017e SWAP1
0x0000017f ADDRESS
0x00000180 BALANCE
0x00000181 DUP1
0x00000182 ISZERO
0x00000183 PUSH2 0x8fc
0x00000186 MUL
0x00000187 SWAP2
0x00000188 PUSH1 0x0
0x0000018a DUP2
0x0000018b DUP2
0x0000018c DUP2
0x0000018d DUP6
0x0000018e DUP9
0x0000018f DUP9
0x00000190 CALL
0x00000191 SWAP4
0x00000192 POP
0x00000193 POP
0x00000194 POP
0x00000195 POP
0x00000196 ISZERO
0x00000197 DUP1
0x00000198 ISZERO
0x00000199 PUSH2 0x1a5
0x0000019c JUMPI
```

```
0x0000019d RETURNDATASIZE
0x0000019e PUSH1 0x0
0x000001a0 DUP1
0x000001a1 RETURNDATACOPY
0x000001a2 RETURNDATASIZE
0x000001a3 PUSH1 0x0
0x000001a5 REVERT
```

```
0x000001c4 JUMPDEST
0x000001c5 CALLER
0x000001c6 PUSH1 0x0
0x000001c8 SWAP1
0x000001c9 DUP2
0x000001ca MSTORE
0x000001cb PUSH1 0x1
0x000001cd PUSH1 0x20
0x000001cf MSTORE
0x000001d0 PUSH1 0x40
0x000001d2 SWAP1
0x000001d3 SHA3
0x000001d4 DUP1
0x000001d5 SLOAD
0x000001d6 CALLVALUE
0x000001d7 ADD
0x000001d8 SWAP1
0x000001d9 SSTORE
0x000001da JUMP
```

```
0x0000010f RETURNDATASIZE
0x00000110 PUSH1 0x0
0x00000112 DUP1
0x00000113 RETURNDATACOPY
0x00000114 RETURNDATASIZE
0x00000115 PUSH1 0x0
0x00000117 REVERT
```

```
0x00000118 JUMPDEST
0x00000119 POP
0x0000011a CALLER
0x0000011b PUSH1 0x0
0x0000011d SWAP1
0x0000011e DUP2
0x0000011f MSTORE
0x00000120 PUSH1 0x1
0x00000122 PUSH1 0x20
0x00000124 MSTORE
0x00000125 PUSH1 0x40
0x00000127 SWAP1
0x00000128 SHA3
0x00000129 DUP1
0x0000012a SLOAD
0x0000012b SWAP2
0x0000012c SWAP1
0x0000012d SWAP2
0x0000012e DUP2
0x0000012f DUP2
0x00000130 LT
0x00000131 ISZERO
0x00000132 PUSH2 0x139
0x00000135 JUMPI
```

```
0x000001db STOP
```

```
0x00000136 PUSH1 0x0
0x00000138 DUP1
0x00000139 REVERT
```

```
0x0000000d PUSH4 0xffffffff
0x00000012 PUSH29 0x1000000000000000000000000000000000000000000000000000000000
0x00000030 PUSH1 0x0
0x00000032 CALLDATALOAD
0x00000033 DIV
0x00000034 AND
0x00000035 PUSH4 0x2e1a7d4d
0x0000003a DUP2
0x0000003b EQ
0x0000003c PUSH2 0x5b
0x0000003f JUMPI
```

```
0x00000040 DUP1
0x00000041 PUSH4 0x4ddaf8f2
0x00000046 EQ
0x00000047 PUSH2 0x75
0x0000004a JUMPI
```

```
0x0000005b JUMPDEST
0x0000005c CALLVALUE
0x0000005d DUP1
0x0000005e ISZERO
0x0000005f PUSH2 0x67
0x00000062 JUMPI
```

```
0x0000004b DUP1
0x0000004c PUSH4 0xd0e30db0
0x00000051 EQ
0x00000052 PUSH2 0xa3
0x00000055 JUMPI
```

```
0x00000075 JUMPDEST
0x00000076 CALLVALUE
0x00000077 DUP1
0x00000078 ISZERO
0x00000079 PUSH2 0x81
0x0000007c JUMPI
```

```
0x00000063 PUSH1 0x0
0x00000065 DUP1
0x00000066 REVERT
```

```
0x00000067 JUMPDEST
0x00000068 POP
0x00000069 PUSH2 0x73
0x0000006c PUSH1 0x4
0x0000006e CALLDATALOAD
0x0000006f PUSH2 0xab
0x00000072 JUMP
```

```
0x00000056 JUMPDEST
0x00000057 PUSH1 0x0
0x00000059 DUP1
0x0000005a REVERT
```

```
0x000000a3 JUMPDEST
0x000000a4 PUSH2 0x73
0x000000a7 PUSH2 0x1a9
0x000000aa JUMP
```

```
0x0000007d PUSH1 0x0
0x0000007f DUP1
0x00000080 REVERT
```

```
0x00000081 JUMPDEST
0x00000082 POP
0x00000083 PUSH2 0x73
0x00000086 PUSH20 0xffffffffffffffffffffffffffffffffffffffff
0x0000009b PUSH1 0x4
0x0000009d CALLDATALOAD
0x0000009e AND
0x0000009f PUSH2 0x13e
0x000000a2 JUMP
```

```
0x000000ab JUMPDEST
0x000000ac CALLER
0x000000ad PUSH1 0x0
0x000000af SWAP1
0x000000b0 DUP2
0x000000b1 MSTORE
0x000000b2 PUSH1 0x1
0x000000b4 PUSH1 0x20
0x000000b6 MSTORE
0x000000b7 PUSH1 0x40
0x000000b9 SWAP1
0x000000ba SHA3
0x000000bb SLOAD
0x000000bc DUP2
0x000000bd LT
0x000000be ISZERO
0x000000bf PUSH2 0xc7
0x000000c2 JUMPI
```

```
0x000000c7 JUMPDEST
0x000000c8 PUSH1 0x40
0x000000ca MLOAD
0x000000cb CALLER
0x000000cc SWAP1
0x000000cd DUP3
0x000000ce ISZERO
0x000000cf PUSH2 0x8fc
0x000000d2 MUL
0x000000d3 SWAP1
0x000000d4 DUP4
0x000000d5 SWAP1
0x000000d6 PUSH1 0x0
0x000000d8 DUP2
0x000000d9 DUP2
0x000000da DUP2
0x000000db DUP6
0x000000dc DUP9
0x000000dd DUP9
0x000000de PUSH1 0x2
0x000000e0 SLOAD
0x000000e1 PUSH20 0xffffffffffffffffffffffffffffffffffffffff
0x000000f6 AND
0x000000f7 CALLER
0x000000f8 EQ
0x000000f9 PUSH2 0x100
0x000000fc JUMPI
```

```
0x000000fd PUSH1 0x0
0x000000ff DUP1
0x00000100 REVERT
```

```
0x000000c3 PUSH1 0x0
0x000000c5 DUP1
0x000000c6 REVERT
```

```
0x000001a6 JUMPDEST
0x000001a7 POP
0x000001a8 POP
0x000001a9 JUMP
```

```
0x0000013a JUMPDEST
0x0000013b SUB
0x0000013c SWAP1
0x0000013d SSTORE
0x0000013e JUMP
```