```
0: PUSH1 0x80
2: PUSH1 0x40
4: MSTORE
5: PUSH1 0x4
7: CALLDATASIZE
8: LT
9: PUSH2 0x48
c: JUMPI
```

```
22a: STOP
```

```
d: PUSH4 0xffffffff
12: PUSH1 0xe0
14: PUSH1 0x2
16: EXP
17: PUSH1 0x0
19: CALLDATALOAD
1a: DIV
1b: AND
1c: PUSH4 0x1ac9f70d
21: DUP2
22: EQ
23: PUSH2 0x4a
26: JUMPI
```

```
4a: JUMPDEST
4b: PUSH2 0x48
4e: PUSH1 0x1
50: PUSH1 0xa0
52: PUSH1 0x2
54: EXP
55: SUB
56: PUSH1 0x4
58: CALLDATALOAD
59: AND
5a: PUSH2 0xf1
5d: JUMP
```

```
27: DUP1
28: PUSH4 0x3ccfd60b
2d: EQ
2e: PUSH2 0x5e
31: JUMPI
```

```
f1: JUMPDEST
f2: ADDRESS
f3: BALANCE
f4: CALLVALUE
f5: LT
f6: PUSH2 0x133
f9: JUMPI
```

```
32: DUP1
33: PUSH4 0xb4a99a4e
38: EQ
39: PUSH2 0x66
3c: JUMPI
```

```
5e: JUMPDEST
5f: PUSH2 0x48
62: PUSH2 0x136
65: JUMP
```

```
fa: PUSH1 0x40
fc: MLOAD
fd: PUSH1 0x1
ff: PUSH1 0xa0
101: PUSH1 0x2
103: EXP
104: SUB
105: DUP3
106: AND
107: SWAP1
108: ADDRESS
109: BALANCE
10a: CALLVALUE
10b: ADD
10c: DUP1
10d: ISZERO
10e: PUSH2 0x8fc
111: MUL
112: SWAP2
113: PUSH1 0x0
115: DUP2
116: DUP2
117: DUP2
118: DUP6
119: DUP9
11a: DUP9
11b: CALL
11c: SWAP4
11d: POP
11e: POP
11f: POP
120: POP
121: ISZERO
122: DUP1
123: ISZERO
124: PUSH2 0x131
127: JUMPI
```

```
136: JUMPDEST
137: PUSH1 0x0
139: SLOAD
13a: PUSH1 0x1
13c: PUSH1 0xa0
13e: PUSH1 0x2
140: EXP
141: SUB
142: AND
143: CALLER
144: EQ
145: PUSH2 0x14d
148: JUMPI
```

```
3d: DUP1
3e: PUSH4 0xba21d62a
43: EQ
44: PUSH2 0x97
47: JUMPI
```

```
66: JUMPDEST
67: CALLVALUE
68: DUP1
69: ISZERO
6a: PUSH2 0x72
6d: JUMPI
```

```
97: JUMPDEST
98: PUSH1 0x40
9a: DUP1
9b: MLOAD
9c: PUSH1 0x20
9e: PUSH1 0x4
a0: PUSH1 0x24
a2: DUP1
a3: CALLDATALOAD
a4: DUP3
a5: DUP2
a6: ADD
a7: CALLDATALOAD
a8: PUSH1 0x1f
aa: DUP2
ab: ADD
ac: DUP5
ad: SWAP1
ae: DIV
af: DUP5
b0: MUL
b1: DUP6
b2: ADD
b3: DUP5
b4: ADD
b5: SWAP1
b6: SWAP5
b7: MSTORE
b8: DUP4
b9: DUP4
ba: MSTORE
bb: PUSH2 0x48
be: SWAP5
bf: DUP3
c0: CALLDATALOAD
c1: PUSH1 0x1
c3: PUSH1 0xa0
c5: PUSH1 0x2
c7: EXP
c8: SUB
c9: AND
ca: SWAP5
cb: CALLDATASIZE
cc: SWAP5
cd: PUSH1 0x44
cf: SWAP3
d0: SWAP1
d1: SWAP2
d2: SWAP1
d3: SWAP1
d4: ADD
d5: SWAP1
d6: SWAP1
d7: DUP1
d8: SWAP1
d9: DUP3
da: ADD
db: DUP1
dc: DUP3
dd: DUP1
de: DUP3
df: DUP3
e0: CALLDATACOPY
e1: POP
e2: SWAP3
e3: SWAP6
e4: POP
e5: PUSH2 0x197
e8: SWAP4
e9: POP
ea: POP
eb: POP
ec: POP
ed: POP
ee: POP
ef: POP
f0: JUMP
```

```
14d: JUMPDEST
14e: PUSH1 0x0
150: DUP1
151: SLOAD
152: PUSH1 0x40
154: MLOAD
155: PUSH1 0x1
157: PUSH1 0xa0
159: PUSH1 0x2
15b: EXP
15c: SUB
15d: SWAP1
15e: SWAP2
15f: AND
160: SWAP2
161: ADDRESS
162: BALANCE
163: DUP1
164: ISZERO
165: PUSH2 0x8fc
168: MUL
169: SWAP2
16a: SWAP1
16b: SWAP2
16c: DUP2
16d: DUP2
16e: DUP2
16f: DUP5
170: DUP7
171: DUP7
172: CALL
173: SWAP4
174: POP
175: POP
176: POP
177: POP
178: ISZERO
179: DUP1
17a: ISZERO
17b: PUSH2 0x133
17e: JUMPI
```

```
128: RETURNDATASIZE
129: PUSH1 0x0
12b: DUP1
12c: RETURNDATACOPY
12d: RETURNDATASIZE
12e: PUSH1 0x0
130: REVERT
```

```
131: JUMPDEST
132: POP
```

```
6e: PUSH1 0x0
70: DUP1
71: REVERT
```

```
72: JUMPDEST
73: POP
74: PUSH2 0x7b
77: PUSH2 0x188
7a: JUMP
```

```
149: PUSH1 0x0
14b: DUP1
14c: REVERT
```

```
197: JUMPDEST
198: PUSH1 0x0
19a: SLOAD
19b: PUSH1 0x1
19d: PUSH1 0xa0
19f: PUSH1 0x2
1a1: EXP
1a2: SUB
1a3: AND
1a4: CALLER
1a5: EQ
1a6: PUSH2 0x1ae
1a9: JUMPI
```

```
188: JUMPDEST
189: PUSH1 0x0
18b: SLOAD
18c: PUSH1 0x1
18e: PUSH1 0xa0
190: PUSH1 0x2
192: EXP
193: SUB
194: AND
195: DUP2
196: JUMP
```

```
17f: RETURNDATASIZE
180: PUSH1 0x0
182: DUP1
183: RETURNDATACOPY
184: RETURNDATASIZE
185: PUSH1 0x0
187: REVERT
```

```
133: JUMPDEST
134: POP
135: JUMP
```

```
1ae: JUMPDEST
1af: DUP2
1b0: PUSH1 0x1
1b2: PUSH1 0xa0
1b4: PUSH1 0x2
1b6: EXP
1b7: SUB
1b8: AND
1b9: CALLVALUE
1ba: DUP3
1bb: PUSH1 0x40
1bd: MLOAD
1be: DUP1
1bf: DUP3
1c0: DUP1
1c1: MLOAD
1c2: SWAP1
1c3: PUSH1 0x20
1c5: ADD
1c6: SWAP1
1c7: DUP1
1c8: DUP4
1c9: DUP4
1ca: PUSH1 0x0
```

```
7b: JUMPDEST
7c: PUSH1 0x40
7e: DUP1
7f: MLOAD
80: PUSH1 0x1
82: PUSH1 0xa0
84: PUSH1 0x2
86: EXP
87: SUB
88: SWAP1
89: SWAP3
8a: AND
8b: DUP3
8c: MSTORE
8d: MLOAD
8e: SWAP1
8f: DUP2
90: SWAP1
91: SUB
92: PUSH1 0x20
94: ADD
95: SWAP1
96: RETURN
```

```
1aa: PUSH1 0x0
1ac: DUP1
1ad: REVERT
```

```
1cc: JUMPDEST
1cd: DUP4
1ce: DUP2
1cf: LT
1d0: ISZERO
1d1: PUSH2 0x1e4
1d4: JUMPI
```

```
1e4: JUMPDEST
1e5: POP
1e6: POP
1e7: POP
1e8: POP
1e9: SWAP1
1ea: POP
1eb: SWAP1
1ec: DUP2
1ed: ADD
1ee: SWAP1
1ef: PUSH1 0x1f
1f1: AND
1f2: DUP1
1f3: ISZERO
1f4: PUSH2 0x211
1f7: JUMPI
```

```
1d5: DUP2
1d6: DUP2
1d7: ADD
1d8: MLOAD
1d9: DUP4
1da: DUP3
1db: ADD
1dc: MSTORE
1dd: PUSH1 0x20
1df: ADD
1e0: PUSH2 0x1cc
1e3: JUMP
```

```
1f8: DUP1
1f9: DUP3
1fa: SUB
1fb: DUP1
1fc: MLOAD
1fd: PUSH1 0x1
1ff: DUP4
200: PUSH1 0x20
202: SUB
203: PUSH2 0x100
206: EXP
207: SUB
208: NOT
209: AND
20a: DUP2
20b: MSTORE
20c: PUSH1 0x20
20e: ADD
20f: SWAP2
210: POP
```

```
211: JUMPDEST
212: POP
213: SWAP2
214: POP
215: POP
216: PUSH1 0x0
218: PUSH1 0x40
21a: MLOAD
21b: DUP1
21c: DUP4
21d: SUB
21e: DUP2
21f: DUP5
220: DUP7
221: GAS
222: CALL
223: POP
224: POP
225: POP
226: POP
227: POP
228: POP
229: JUMP
```

```
48: JUMPDEST
49: STOP
```