

```
0: DeclareGlobalVar "run"  
1: LoadConstUndefined r6  
2: LoadConstUndefined r7  
3: LoadConstUndefined r8  
4: LoadConstUndefined r9  
5: CreateEnvironment r0  
6: CreateClosure r0, r0, Function<run>1  
7: GetGlobalObject r5  
8: PutById r5, r0, 1, "run"  
9: LoadConstString r0, "use strict"  
10: NewArrayWithBuffer r2, 3, 1, 0  
11: CreateRegExp r1, "d+", "", 0  
12: PutOwnByIndex r2, r1, 1  
13: LoadConstString r1, "12345"  
14: PutOwnByIndex r2, r1, 2  
15: NewArray r1, 29  
16: PutOwnByIndex r1, r2, 0  
17: NewArrayWithBuffer r2, 3, 1, 3  
18: CreateRegExp r3, "b[A-Za-z]+b", "", 1  
19: PutOwnByIndex r2, r3, 1  
20: LoadConstString r3, "hello"  
21: PutOwnByIndex r2, r3, 2  
22: PutOwnByIndex r1, r2, 1  
23: NewArrayWithBuffer r2, 3, 1, 5  
24: CreateRegExp r3, "[w-]+@[w-]+.[A-Za-z]{2,}$", "", 2  
25: PutOwnByIndex r2, r3, 1  
26: LoadConstString r3, "me@example.com"  
27: PutOwnByIndex r2, r3, 2  
28: PutOwnByIndex r1, r2, 2  
29: NewArrayWithBuffer r2, 3, 1, 7  
30: CreateRegExp r3, "^(?:https?:)?(www.)?[/\\]?[^\s/$?#].[^\s]*$", "i", 3  
31: PutOwnByIndex r2, r3, 1  
32: LoadConstString r3, "https://example.org/path"  
33: PutOwnByIndex r2, r3, 2  
34: PutOwnByIndex r1, r2, 3  
35: NewArrayWithBuffer r2, 3, 1, 9  
36: CreateRegExp r3, "^(d{1,3}).{3}d{1,3}$", "", 4  
37: PutOwnByIndex r2, r3, 1  
38: LoadConstString r3, "192.168.0.42"  
39: PutOwnByIndex r2, r3, 2  
40: PutOwnByIndex r1, r2, 4  
41: NewArrayWithBuffer r2, 3, 1, 11  
42: CreateRegExp r3, "^[0-9a-f]{2:}){5}[0-9a-f]{2}$", "i", 5  
43: PutOwnByIndex r2, r3, 1  
44: LoadConstString r3, "aa:bb:cc:dd:ee:ff"  
45: PutOwnByIndex r2, r3, 2  
46: PutOwnByIndex r1, r2, 5  
47: NewArrayWithBuffer r2, 3, 1, 13  
48: CreateRegExp r3, "^(?:+71s*)?(?:{[-]s*)?(?:{s*d{3}s*){d{3}s*?(?:[-]s*)?d{3}s*?(?:[-]s*)?d{4}s*", 6  
49: PutOwnByIndex r2, r3, 1  
50: LoadConstString r3, "(123)-456-7890"  
51: PutOwnByIndex r2, r3, 2  
52: PutOwnByIndex r1, r2, 6  
53: NewArrayWithBuffer r2, 3, 1, 15  
54: CreateRegExp r3, "^[s+|s+$", "g", 7  
55: PutOwnByIndex r2, r3, 1  
56: LoadConstString r3, " padded "  
57: PutOwnByIndex r2, r3, 2  
58: PutOwnByIndex r1, r2, 7  
59: NewArrayWithBuffer r2, 3, 1, 17  
60: CreateRegExp r3, "(w1+", "", 8  
61: PutOwnByIndex r2, r3, 1  
62: LoadConstString r3, "boooook"  
63: PutOwnByIndex r2, r3, 2  
64: PutOwnByIndex r1, r2, 8  
65: NewArrayWithBuffer r2, 3, 1, 19  
66: CreateRegExp r3, "(a(b(c)))321", "", 9  
67: PutOwnByIndex r2, r3, 1  
68: LoadConstString r3, "abcba"  
69: PutOwnByIndex r2, r3, 2  
70: PutOwnByIndex r1, r2, 9  
71: CreateRegExp r3, "^(?<year>d{4})-(?<month>d{2})-(?<day>d{2})$", "", 10  
72: NewObjectWithBuffer r18, 3, 3, 0, 0  
73: Mov r19, r3  
74: CallBuiltin r2, 50, 3  
75: NewArrayWithBuffer r2, 3, 1, 21  
76: PutOwnByIndex r2, r3, 1  
77: LoadConstString r3, "2023-04-01"  
78: PutOwnByIndex r2, r3, 2  
79: PutOwnByIndex r1, r2, 10  
80: NewArrayWithBuffer r2, 3, 1, 23  
81: CreateRegExp r3, "(?=<foo>w+", "", 11  
82: PutOwnByIndex r2, r3, 1  
83: LoadConstString r3, "foobabaz"  
84: PutOwnByIndex r2, r3, 2  
85: PutOwnByIndex r1, r2, 11  
86: NewArrayWithBuffer r2, 3, 1, 25  
87: CreateRegExp r3, "(?<d{d{3}}{?d})", "", 12  
88: PutOwnByIndex r2, r3, 1  
89: LoadConstString r3, "abc123def"  
90: PutOwnByIndex r2, r3, 2  
91: PutOwnByIndex r1, r2, 12  
92: NewArrayWithBuffer r2, 3, 1, 27  
93: CreateRegExp r3, "(?:{?1abc}).)*", "s", 13  
94: PutOwnByIndex r2, r3, 1  
95: LoadConstString r3, "xyzabc"  
96: PutOwnByIndex r2, r3, 2  
97: PutOwnByIndex r1, r2, 13  
98: NewArrayWithBuffer r2, 3, 1, 29  
99: CreateRegExp r3, "p[Emoji_Presentation}", "u", 14  
100: PutOwnByIndex r2, r3, 1  
101: LoadConstString r3, "👉"  
102: PutOwnByIndex r2, r3, 2  
103: PutOwnByIndex r1, r2, 14  
104: NewArrayWithBuffer r2, 3, 1, 31  
105: CreateRegExp r4, "u[lf600]", "u", 15  
106: PutOwnByIndex r2, r4, 1  
107: PutOwnByIndex r2, r3, 2  
108: PutOwnByIndex r1, r2, 15  
109: NewArrayWithBuffer r2, 3, 1, 33  
110: CreateRegExp r3, "(?<=)s#{w|b", "", 16  
111: PutOwnByIndex r2, r3, 1  
112: LoadConstString r3, "tweet with #hashtag"  
113: PutOwnByIndex r2, r3, 2  
114: PutOwnByIndex r1, r2, 16  
115: NewArrayWithBuffer r2, 3, 1, 35  
116: CreateRegExp r3, "(d{1,3}(,d{3})*).(d+)?", "", 17  
117: PutOwnByIndex r2, r3, 1  
118: LoadConstString r3, "1,234,567.89"  
119: PutOwnByIndex r2, r3, 2  
120: PutOwnByIndex r1, r2, 17  
121: NewArrayWithBuffer r2, 3, 1, 37  
122: CreateRegExp r3, "^(?!.*b{cat|dog}).{6,}$", "i", 18  
123: PutOwnByIndex r2, r3, 1  
124: LoadConstString r3, "ilovecoffee"  
125: PutOwnByIndex r2, r3, 2  
126: PutOwnByIndex r1, r2, 18  
127: NewArrayWithBuffer r2, 3, 1, 39  
128: CreateRegExp r3, "^[0,5}$", "s", 19  
129: PutOwnByIndex r2, r3, 1  
130: LoadConstString r3, "abc"  
131: PutOwnByIndex r2, r3, 2  
132: PutOwnByIndex r1, r2, 19  
133: NewArrayWithBuffer r2, 3, 1, 41  
134: CreateRegExp r3, "abc", "y", 20  
135: PutOwnByIndex r2, r3, 1  
136: LoadConstString r3, "abcabc"  
137: PutOwnByIndex r2, r3, 2  
138: PutOwnByIndex r1, r2, 20  
139: NewArrayWithBuffer r2, 3, 1, 43  
140: CreateRegExp r3, "[A-Z]+", "g", 21  
141: PutOwnByIndex r2, r3, 1  
142: LoadConstString r3, "ABCdefGHI"  
143: PutOwnByIndex r2, r3, 2  
144: PutOwnByIndex r1, r2, 21  
145: NewArrayWithBuffer r2, 3, 1, 45  
146: CreateRegExp r3, "a+", "gy", 22  
147: PutOwnByIndex r2, r3, 1  
148: LoadConstString r3, "aaaaa"  
149: PutOwnByIndex r2, r3, 2  
150: PutOwnByIndex r1, r2, 22  
151: NewArrayWithBuffer r2, 3, 1, 47  
152: CreateRegExp r3, "(?:[0-9a-f]{1,4:}){7}[0-9a-f]{1,4})", "i", 23  
153: PutOwnByIndex r2, r3, 1  
154: LoadConstString r3, "2001:0db8:85a3:0000:0000:8a2e:0370:7334"  
155: PutOwnByIndex r2, r3, 2  
156: PutOwnByIndex r1, r2, 23  
157: NewArrayWithBuffer r2, 3, 1, 49  
158: CreateRegExp r3, "^(?=<d{d}(?=.*[A-Z])(?=.*[a-z]).{8,}$", "", 24  
159: PutOwnByIndex r2, r3, 1  
160: LoadConstString r3, "Abcdef1g"  
161: PutOwnByIndex r2, r3, 2  
162: PutOwnByIndex r1, r2, 24  
163: NewArrayWithBuffer r2, 3, 1, 51  
164: CreateRegExp r3, "^[s*imports+[sS]+?froms+[!'+].+{!'+};$", "m", 25  
165: PutOwnByIndex r2, r3, 1  
166: LoadConstString r3, "import fs from 'node:fs';"  
167: PutOwnByIndex r2, r3, 2  
168: PutOwnByIndex r1, r2, 25  
169: NewArrayWithBuffer r2, 3, 1, 53  
170: CreateRegExp r3, "^[rgba]?s*(d{1,3}?s*.*s*){d{1,3}?s*?(?:s{0|107.d+})?}$", "", 26  
171: PutOwnByIndex r2, r3, 1  
172: LoadConstString r3, "rgba(255, 0, 0, 0.5)"  
173: PutOwnByIndex r2, r3, 2  
174: PutOwnByIndex r1, r2, 26  
175: NewArrayWithBuffer r2, 3, 1, 55  
176: CreateRegExp r3, "foo/bar", "", 27  
177: PutOwnByIndex r2, r3, 1  
178: LoadConstString r3, "foo/bar"  
179: PutOwnByIndex r2, r3, 2  
180: PutOwnByIndex r1, r2, 27  
181: NewArrayWithBuffer r2, 3, 1, 57  
182: CreateRegExp r3, "[$_p_ID_Start]][$_u200Cu200Dp[ID_Continue]]*", "u", 28  
183: PutOwnByIndex r2, r3, 1  
184: LoadConstString r3, "NValue"  
185: PutOwnByIndex r2, r3, 2  
186: PutOwnByIndex r1, r2, 28  
187: Mov r4, r1  
188: IteratorBegin r2, r4  
189: LoadConstString r3, ""  
190: LoadConstString r1, " --> throw:"
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Block 0 (PC 0-27)
0: LoadParam      r6, 1
1: LoadParam      r9, 2
2: GetByIdShort    r1, r9, 1, "test"
3: LoadParam      r0, 3
4: Call2          r5, r1, r9, r0
5: GetGlobalObject r1
6: TryGetById      r0, r1, 2, "globalThis"
7: GetByIdShort    r2, r3, 3, "console"
8: GetByIdShort    r2, r3, 4, "log"
9: GetByIdShort    r4, r6, 5, "padEnd"
10: LoadConstUInt8 r0, 20
11: Call2          r8, r4, r6, r0
12: TryGetById      r4, r1, 6, "String"
13: LoadConstUndefined r0
14: Call2          r5, r4, r0, r5
15: GetByIdShort    r4, r5, 7, "toUpperCase"
16: Call1          r12, r4, r5
17: TryGetById      r1, r1, 8, "HermesInternal"
18: TryGetById      r0, r1, 9, "concat"
19: LoadConstString r15, ""
20: LoadConstString r13, " : "
21: LoadConstString r11, " "
22: Mov            r14, r8
23: Mov            r10, r9
24: Call1          r1, r6, 6
25: Call2          r1, r2, r3, r1
26: Ret            r0

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