```
PS D:\Projects\C\task3\cmake-build-debug> ./task3.exe
Введите число:13
1 = [1]
2 = [1; (2)]
3 = [1; (1; 2)]
4 = [2]
5 = [2; (4)]
6 = [2; (2; 4)]
7 = [2; (1; 1; 1; 4)]
8 = [2; (1; 4)]
9 = [3]
10 = [3; (6)]
11 = [3; (3; 6)]
12 = [3; (2; 6)]
13 = [3; (1; 1; 1; 1; 6)]
PS D:\Projects\C\task3\cmake-build-debug> ./task3.exe
```

```
PS D:\Projects\C\task3\cmake-build-debug> ./task3.exe
Введите число:40
1 = [1]
2 = [1; (2)]
3 = [1; (1; 2)]
4 = [2]
5 = [2; (4)]
6 = [2; (2; 4)]
7 = [2; (1; 1; 1; 4)]
8 = [2; (1; 4)]
9 = [3]
10 = [3; (6)]
11 = [3; (3; 6)]
12 = [3; (2; 6)]
13 = [3; (1; 1; 1; 1; 6)]
14 = [3; (1; 2; 1; 6)]
15 = [3; (1; 6)]
16 = [4]
17 = [4; (8)]
18 = [4; (4; 8)]
19 = [4; (2; 1; 3; 1; 2; 8)]
20 = [4; (2; 8)]
21 = [4; (1; 1; 2; 1; 1; 8)]
22 = [4; (1; 2; 4; 2; 1; 8)]
23 = [4; (1; 3; 1; 8)]
24 = [4; (1; 8)]
25 = [5]
26 = [5; (10)]
27 = [5; (5; 10)]
28 = [5; (3; 2; 3; 10)]
29 = [5; (2; 1; 1; 2; 10)]
30 = [5; (2; 10)]
31 = [5; (1; 1; 3; 5; 3; 1; 1; 10)]
32 = [5; (1; 1; 1; 10)]
33 = [5; (1; 2; 1; 10)]
34 = [5; (1; 4; 1; 10)]
35 = [5; (1; 10)]
36 = [6]
37 = [6; (12)]
38 = [6; (6; 12)]
39 = [6; (4; 12)]
40 = [6; (3; 12)]
PS D:\Projects\C\task3\cmake-build-debug>
```

```
PS D:\Projects\C\task3\cmake-build-debug> ./task3.exe
Введите число:171
1 = [1]
2 = [1; (2)]
3 = [1; (1; 2)]
4 = [2]
5 = [2; (4)]
6 = [2; (2; 4)]
7 = [2; (1; 1; 1; 4)]
8 = [2; (1; 4)]
9 = [3]
10 = [3; (6)]
11 = [3; (3; 6)]
12 = [3; (2; 6)]
13 = [3; (1; 1; 1; 1; 6)]
14 = [3; (1; 2; 1; 6)]
15 = [3; (1; 6)]
16 = [4]
17 = [4; (8)]
18 = [4; (4; 8)]
19 = [4; (2; 1; 3; 1; 2; 8)]
20 = [4; (2; 8)]
21 = [4; (1; 1; 2; 1; 1; 8)]
22 = [4; (1; 2; 4; 2; 1; 8)]
23 = [4; (1; 3; 1; 8)]
24 = [4; (1; 8)]
25 = [5]
26 = [5; (10)]
27 = [5; (5; 10)]
28 = [5; (3; 2; 3; 10)]
29 = [5; (2; 1; 1; 2; 10)]
30 = [5; (2; 10)]
31 = [5; (1; 1; 3; 5; 3; 1; 1; 10)]
32 = [5; (1; 1; 1; 10)]
33 = [5; (1; 2; 1; 10)]
34 = [5; (1; 4; 1; 10)]
35 = [5; (1; 10)]
36 = [6]
37 = [6; (12)]
38 = [6; (6; 12)]
```

```
39 = [6;  (4;  12)]
40 = [6;  (3;  12)]
41 = [6;  (2;  2;  12)]
42 = [6;  (2;  12)]
43 = [6;  (1;  1;  3;  1;  5;  1;  3;  1;  1;  12)]
44 = [6;  (1;  1;  1;  2;  1;  1;  1;  12)]
45 = [6;  (1;  2;  2;  2;  1;  12)]
46 = [6;  (1;  3;  1;  1;  2;  6;  2;  1;  1;  3;  1;  12)]
47 = [6;  (1;  5;  1;  12)]
48 = [6;  (1;  12)]
49 = [7]
50 = [7;  (14)]
51 = [7;  (7;  14)]
52 = [7;  (4;  1;  2;  1;  4;  14)]
53 = [7;  (3;  1;  1;  3;  14)]
54 = [7;  (2;  1;  6;  1;  2;  14)]
55 = [7;  (2;  2;  2;  14)]
56 = [7;  (2;  14)]
57 = [7;  (1;  1;  4;  1;  1;  14)]
58 = [7;  (1;  1;  1;  1;  1;  1;  14)]
59 = [7;  (1;  2;  7;  2;  1;  14)]
60 = [7;  (1;  2;  1;  14)]
61 = [7;  (1;  4;  3;  1;  2;  2;  1;  3;  4;  1;  14)]
62 = [7;  (1;  6;  1;  14)]
63 = [7;  (1;  14)]
64 = [8]
65 = [8;  (16)]
66 = [8;  (8;  16)]
67 = [8;  (5;  2;  1;  1;  7;  1;  1;  2;  5;  16)]
68 = [8;  (4;  16)]
69 = [8;  (3;  3;  1;  4;  1;  3;  3;  16)]
70 = [8;  (2;  1;  2;  1;  2;  16)]
71 = [8;  (2;  2;  1;  7;  1;  2;  2;  16)]
72 = [8;  (2;  16)]
73 = [8;  (1;  1;  5;  5;  1;  1;  16)]
74 = [8;  (1;  1;  1;  1;  16)]
75 = [8;  (1;  1;  1;  16)]
76 = [8;  (1;  2;  1;  1;  5;  4;  5;  1;  1;  2;  1;  16)]
77 = [8;  (1;  3;  2;  3;  1;  16)]
```

```
78 = [8; (1; 4; 1; 16)]
79 = [8; (1; 7; 1; 16)]
80 = [8; (1; 16)]
81 = [9]
82 = [9; (18)]
83 = [9; (9; 18)]
84 = [9; (6; 18)]
85 = [9; (4; 1; 1; 4; 18)]
86 = [9; (3; 1; 1; 1; 8; 1; 1; 1; 3; 18)]
87 = [9; (3; 18)]
88 = [9; (2; 1; 1; 1; 2; 18)]
89 = [9; (2; 3; 3; 2; 18)]
90 = [9; (2; 18)]
91 = [9; (1; 1; 5; 1; 5; 1; 1; 18)]
92 = [9; (1; 1; 2; 4; 2; 1; 1; 18)]
93 = [9; (1; 1; 1; 4; 6; 4; 1; 1; 1; 18)]
94 = [9; (1; 2; 3; 1; 1; 5; 1; 8; 1; 5; 1; 1; 3; 2; 1; 18)]
95 = [9; (1; 2; 1; 18)]
96 = [9; (1; 3; 1; 18)]
97 = [9; (1; 5; 1; 1; 1; 1; 1; 1; 5; 1; 18)]
98 = [9; (1; 8; 1; 18)]
99 = [9; (1; 18)]
100 = [10]
101 = [10; (20)]
102 = [10; (10; 20)]
103 = [10; (6; 1; 2; 1; 1; 9; 1; 1; 2; 1; 6; 20)]
104 = [10; (5; 20)]
105 = [10; (4; 20)]
106 = [10; (3; 2; 1; 1; 1; 1; 2; 3; 20)]
107 = [10; (2; 1; 9; 1; 2; 20)]
108 = [10; (2; 1; 1; 4; 1; 1; 2; 20)]
109 = [10; (2; 3; 1; 2; 4; 1; 6; 6; 1; 4; 2; 1; 3; 2; 20)]
110 = [10; (2; 20)]
111 = [10; (1; 1; 6; 1; 1; 20)]
112 = [10; (1; 1; 2; 1; 1; 20)]
113 = [10; (1; 1; 1; 2; 2; 1; 1; 1; 20)]
114 = [10; (1; 2; 10; 2; 1; 20)]
115 = [10; (1; 2; 1; 1; 1; 1; 1; 2; 1; 20)]
116 = [10; (1; 3; 2; 1; 4; 1; 2; 3; 1; 20)]
117 = [10; (1; 4; 2; 4; 1; 20)]
```

```
118 = [10; (1; 6; 3; 2; 10; 2; 3; 6; 1; 20)]
119 = [10; (1; 9; 1; 20)]
120 = [10; (1; 20)]
121 = [11]
122 = [11; (22)]
123 = [11; (11; 22)]
124 = [11; (7; 2; 1; 1; 1; 3; 1; 4; 1; 3; 1; 1; 1; 2; 7; 22)]
125 = [11; (5; 1; 1; 5; 22)]
126 = [11; (4; 2; 4; 22)]
127 = [11; (3; 1; 2; 2; 7; 11; 7; 2; 2; 1; 3; 22)]
128 = [11; (3; 5; 3; 22)]
129 = [11; (2; 1; 3; 1; 6; 1; 3; 1; 2; 22)]
130 = [11; (2; 2; 22)]
131 = [11; (2; 4; 11; 4; 2; 22)]
132 = [11; (2; 22)]
133 = [11; (1; 1; 7; 5; 1; 1; 1; 2; 1; 1; 1; 5; 7; 1; 1; 22)]
134 = [11; (1; 1; 2; 1; 3; 1; 10; 1; 3; 1; 2; 1; 1; 22)]
135 = [11; (1; 1; 1; 1; 1; 1; 1; 22)]
136 = [11; (1; 1; 1; 22)]
137 = [11; (1; 2; 2; 1; 1; 2; 2; 1; 22)]
138 = [11; (1; 2; 1; 22)]
139 = [11; (1; 3; 1; 3; 7; 1; 1; 2; 11; 2; 1; 1; 7; 3; 1; 3; 1; 22)]
140 = [11; (1; 4; 1; 22)]
141 = [11; (1; 6; 1; 22)]
142 = [11; (1; 10; 1; 22)]
143 = [11; (1; 22)]
144 = [12]
145 = [12; (24)]
146 = [12; (12; 24)]
147 = [12; (8; 24)]
148 = [12; (6; 24)]
149 = [12; (4; 1; 5; 3; 3; 5; 1; 4; 24)]
150 = [12; (4; 24)]
151 = [12; (3; 2; 7; 1; 3; 4; 1; 1; 1; 11; 1; 1; 1; 4; 3; 1; 7; 2; 3; 24)]
152 = [12; (3; 24)]
153 = [12; (2; 1; 2; 2; 2; 1; 2; 24)]
154 = [12; (2; 2; 3; 1; 2; 1; 3; 2; 2; 24)]
155 = [12; (2; 4; 2; 24)]
156 = [12; (2; 24)]
157 = [12; (1; 1; 7; 1; 5; 2; 1; 1; 1; 1; 2; 5; 1; 7; 1; 1; 24)]
158 = [12; (1; 1; 3; 12; 3; 1; 1; 24)]
159 = [12; (1; 1; 1; 1; 3; 1; 1; 1; 1; 24)]
160 = [12; (1; 1; 1; 5; 1; 1; 1; 24)]
161 = [12; (1; 2; 4; 1; 2; 1; 4; 2; 1; 24)]
162 = [12; (1; 2; 1; 2; 12; 2; 1; 2; 1; 24)]
163 = [12; (1; 3; 3; 2; 1; 1; 7; 1; 11; 1; 7; 1; 1; 2; 3; 3; 1; 24)]
164 = [12; (1; 4; 6; 4; 1; 24)]
165 = [12; (1; 5; 2; 5; 1; 24)]
166 = [12; (1; 7; 1; 1; 1; 2; 4; 1; 3; 2; 12; 2; 3; 1; 4; 2; 1; 1; 1; 7; 1; 24)]
167 = [12; (1; 11; 1; 24)]
168 = [12; (1; 24)]
169 = [13]
170 = [13; (26)]
171 = [13; (13; 26)]
```