

```
1 Input : 123454321
2 Instruction running:lui
3 Instruction running:ori
4 Instruction running:lui
5 Instruction running:lw
6 Instruction running:lui
7 Instruction running:lw
8 Instruction running:add
9 Instruction running:addi
10 Instruction running:div
11 Instruction running:mflo
12 Instruction running:mfhi
13 Instruction running:mult
14 Instruction running:add
15 Instruction running:beq
16 Instruction running:j
17 Instruction running:div
18 Instruction running:mflo
19 Instruction running:mfhi
20 Instruction running:mult
21 Instruction running:add
22 Instruction running:beq
23 Instruction running:j
24 Instruction running:div
25 Instruction running:mflo
26 Instruction running:mfhi
27 Instruction running:mult
28 Instruction running:add
29 Instruction running:beq
30 Instruction running:j
31 Instruction running:div
32 Instruction running:mflo
33 Instruction running:mfhi
34 Instruction running:mult
35 Instruction running:add
36 Instruction running:beq
37 Instruction running:j
38 Instruction running:div
39 Instruction running:mflo
40 Instruction running:mfhi
41 Instruction running:mult
42 Instruction running:add
43 Instruction running:beq
44 Instruction running:j
45 Instruction running:div
46 Instruction running:mflo
47 Instruction running:mfhi
48 Instruction running:mult
49 Instruction running:add
50 Instruction running:beq
51 Instruction running:j
52 Instruction running:div
53 Instruction running:mflo
54 Instruction running:mfhi
55 Instruction running:mult
56 Instruction running:add
57 Instruction running:beq
58 Instruction running:j
59 Instruction running:div
60 Instruction running:mflo
61 Instruction running:mfhi
62 Instruction running:mult
63 Instruction running:add
64 Instruction running:beq
65 Instruction running:j
66 Instruction running:div
67 Instruction running:mflo
68 Instruction running:mfhi
69 Instruction running:mult
70 Instruction running:add
71 Instruction running:beq
72 Instruction running:beq
73 Instruction running:addi
74 Instruction running:j
75 Instruction running:sw
76 1
77
78 Process finished with exit code 0
79
```