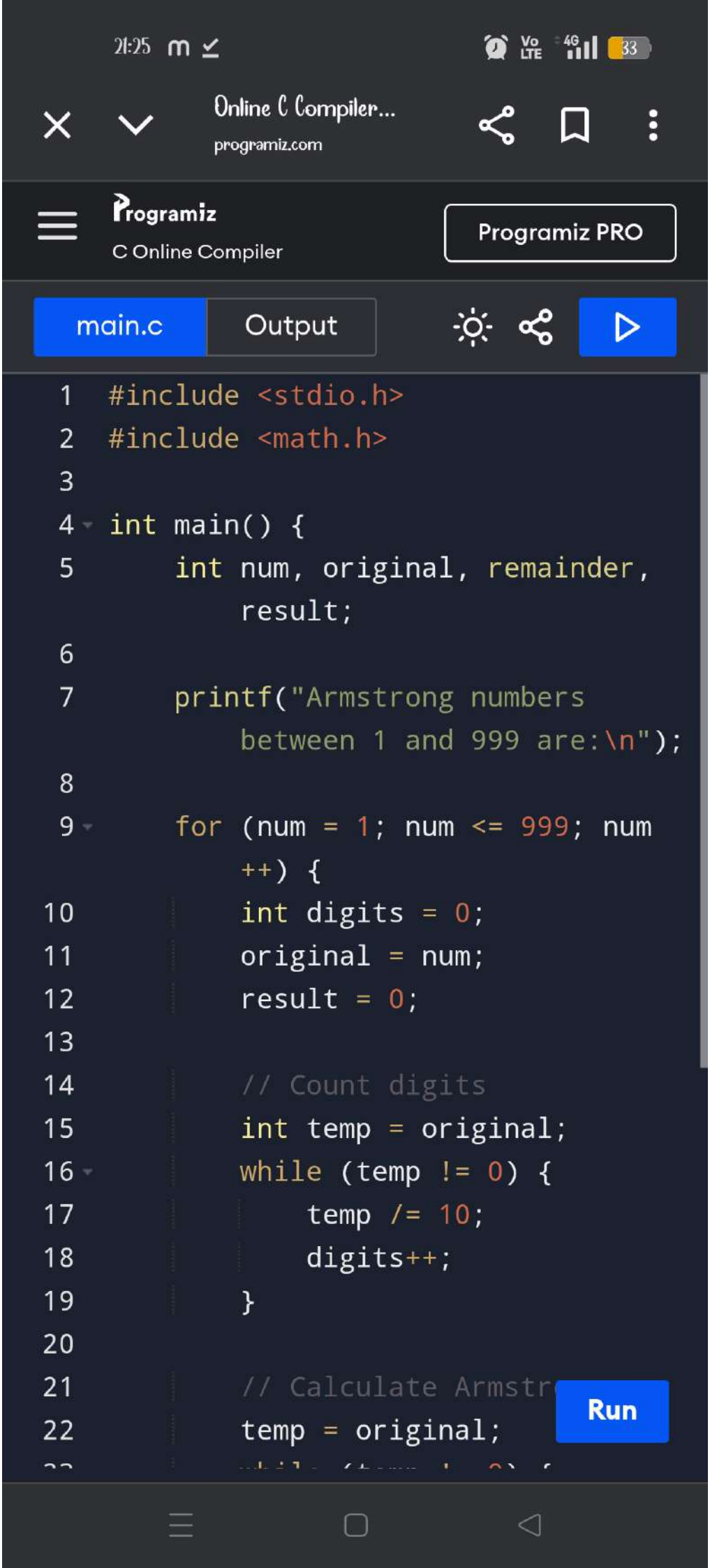
21:25
Online C Compiler...
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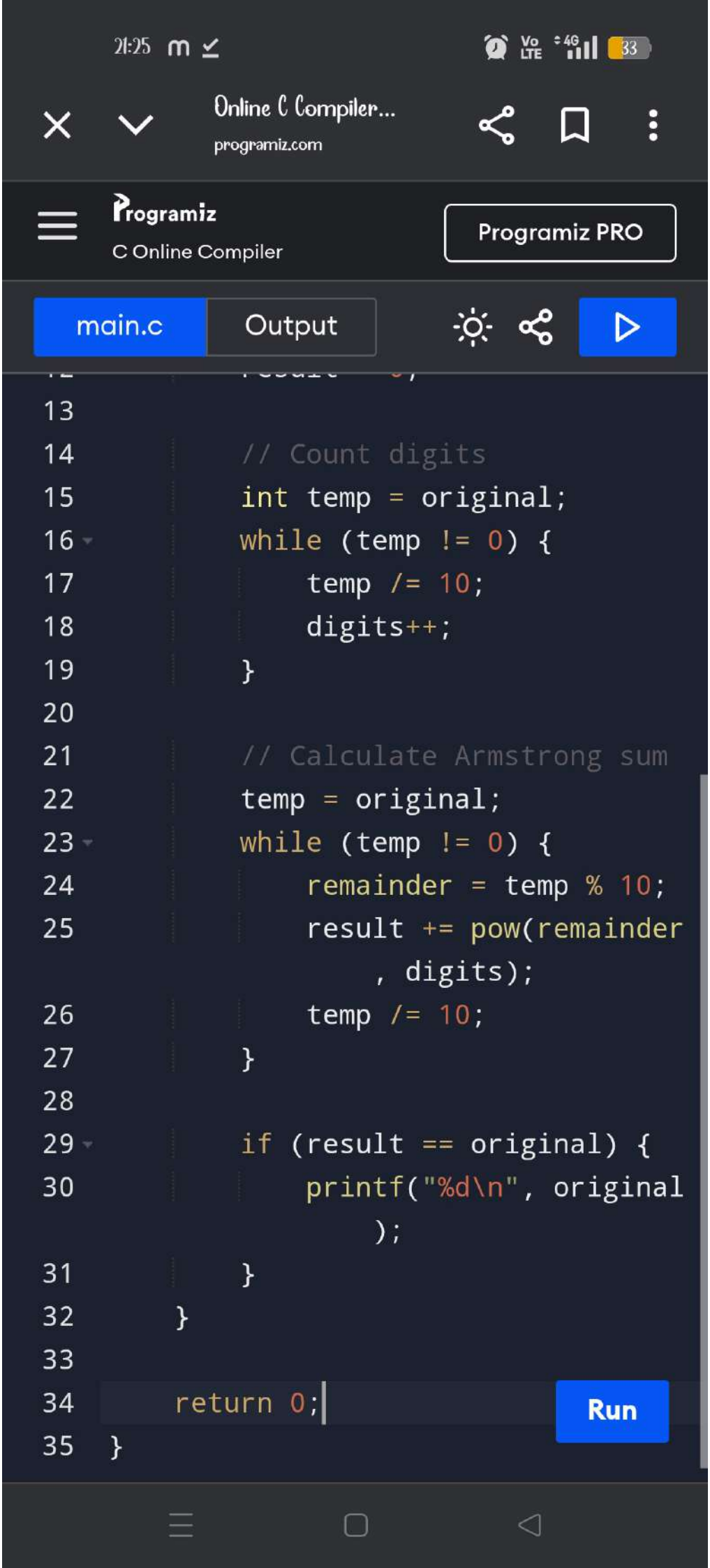
Programiz PRO
main.c
Output
#include <stdio.h>
#include <math.h>
int main() {
int num, original, remainder, result;
printf("Armstrong numbers between 1 and 999 are:\n");
for (num = 1; num <= 999; num ++) {
int digits = 0;
original = num;
result = 0;
// Count digits
int temp = original;
while (temp != 0) {
temp /= 10;
digits++;
}
// Calculate Armstr
temp = original;
Run


21:25
Online C Compiler...
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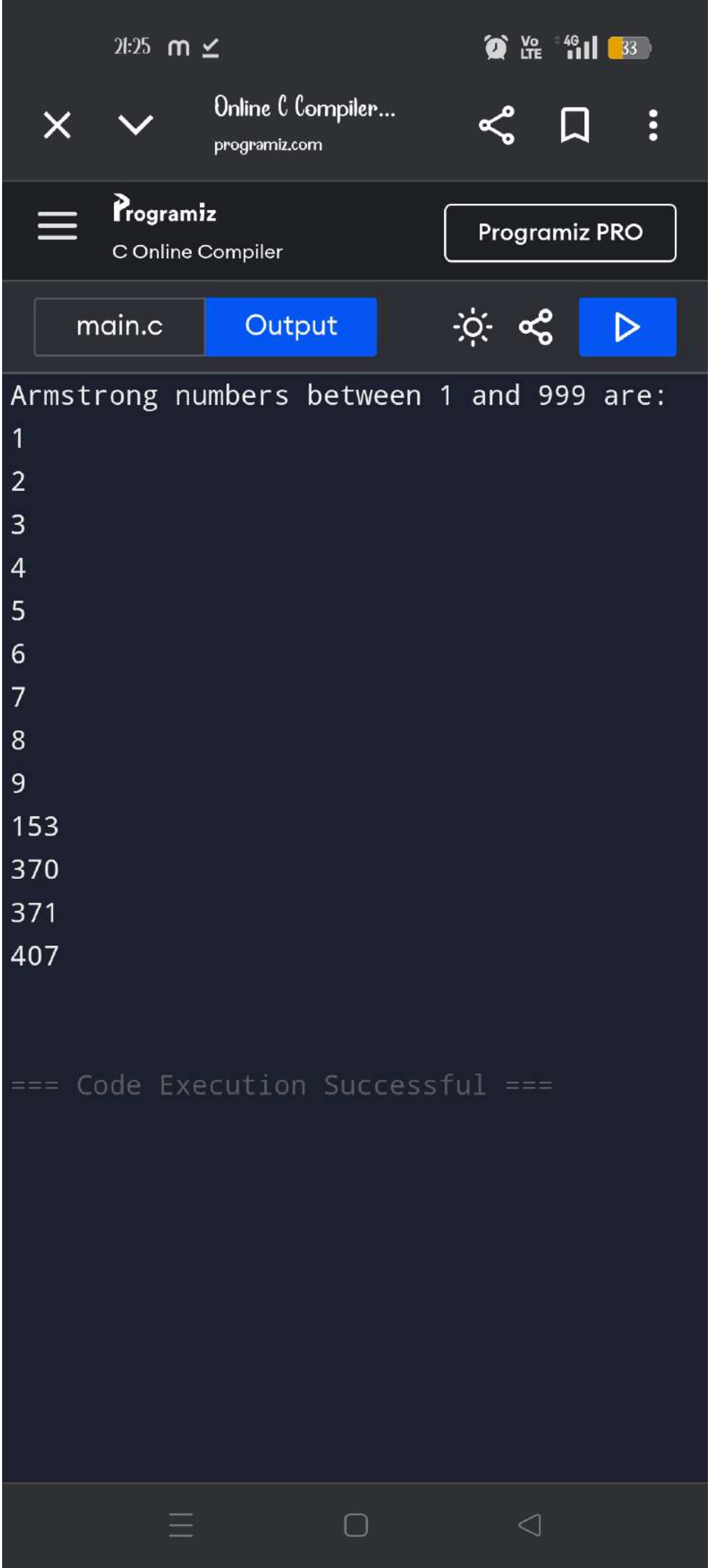
C Online Compiler
Programiz PRO
main.c
Output
13
14 // Count digits
15 int temp = original;
16 while (temp != 0) {
17 temp /= 10;
18 digits++;
19 }
20
21 // Calculate Armstrong sum
22 temp = original;
23 while (temp != 0) {
24 remainder = temp % 10;
25 result += pow(remainder
, digits);
26 temp /= 10;
27 }
28
29 if (result == original) {
30 printf("%d\n", original
);
31 }
32 }
33
34 return 0;
35 }
Run


21:25
Online C Compiler...
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main.c
Output
Armstrong numbers between 1 and 999 are:
1
2
3
4
5
6
7
8
9
153
370
371
407
=== Code Execution Successful ===