

```
1 #include<iostream>
2 #include <math.h>
3 using namespace std;
4 //===== problem1 =====//
5 /*int isDivisible(int num1, int num2) {
6     if (num2 == 0) {
7         cout << "Error" << endl;
8         return 0;
9     }
10    return num2 % num1 == 0;
11 }
12 int main() {
13     int number1, number2;
14     cin >> number1 >> number2;
15     if (isDivisible(number1, number2)) {
16         cout << number1 << " is divisible by " << number2;
17     }
18     else {
19         cout << number1 << " is not divisible by " << number2;
20     }
21 }
22 }*/
23
24
25 //===== problem 2 =====//+
26 /*int isArmstrong(int num) {
27     int sum = 0, remainder;
28     int countDigit = 0;
29     int number = num;
30
31     // to count digits of number
32     int temp = num;
33     while (temp != 0) {
34         temp /= 10;
35         countDigit++;
36     }
37     //
38     temp = num;
39     while (temp != 0) {
40         remainder = temp % 10;
41         sum += pow(remainder, countDigit);
42         temp /= 10;
43     }
44     return sum == number;
45 }
46
47
48 int main() {
49     int lower, upper;
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50     cout << "enter the lower and upper numbers : ";
51     cin >> lower >> upper;
52     cout << " Armstrong numbers btrween this are : " << endl;
53     for (int i = lower; i <= upper; i++) {
54         if (isArmstrong(i)) {
55             cout << i << " ";
56         }
57     }
58     return 0;
59 }*/
60
61 //===== problem 3 =====//
62 // https://codeforces.com/group/MWSDmqGsZm/contest/223205/      ↗
63     submission/312777198
64 //===== problem 4 =====//
65 // https://codeforces.com/group/MWSDmqGsZm/contest/223339/      ↗
66     submission/312778557
67 // ===== problem 5 =====//
68 // https://codeforces.com/group/MWSDmqGsZm/contest/223339/      ↗
69     submission/312780362
70 //===== problem 6 =====//
71 // https://codeforces.com/group/MWSDmqGsZm/contest/223339/      ↗
72     submission/312781962
73 //===== problem 7 =====//
74 /*#include <iostream>
75 using namespace std;
76
77 int gcd(int a, int b) {
78     if (b == 0) return a;
79     return gcd(b, a % b);
80 }
81
82 int main() {
83     int num1, num2;
84     cout << "first number: ";
85     cin >> num1;
86     cout << "second number: ";
87     cin >> num2;
88
89     cout << "GCD of " << num1 << " and " << num2 << " = " << gcd(num1,      ↗
90         num2) << endl;
91     return 0;
92 }*/
93
```

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94 // ===== problem 8 =====
95 // https://codeforces.com/group/MWSDmqGsZm/contest/223339/
    submission/312785886
96 //===== problem "Bouns" =====
97 // https://codeforces.com/group/MWSDmqGsZm/contest/223339/
    submission/312786933
98
99
100
101
```