Program 1: Find roots of second order polynomials

- Write a C program
 - Input floating point coefficients (a1, a2, a3) of a 2nd order polynomial
 - Compute the discriminant $D=B^2-4AC$
 - Check to see if D is < 0, = 0 or > 0.
 - Accordingly print $\frac{-B}{2A} \pm i \frac{\sqrt{D}}{2A}$ for complex or $\frac{-B}{2A}$ for repeated roots or $\frac{-B \pm \sqrt{D}}{2A}$ real and distinct roots
- Make the output as pretty as you can
- Make the program readable with adequate documentation
- Upload the program *some_program_name*.c in moodle by Sunday, September 1, 2019, before 5:00 pm.

Program 2: Check if the number entered is Perfect Number

- A *perfect number* is a positive integer that is equal to the sum of its positive divisors. For instance, 6 has divisors 1, 2 and 3 (excluding itself), and 1 + 2 + 3 = 6, so 6 is a perfect number.
- Write a C program
 - To input an integer n
 - Check if it is Perfect
- Make the output as pretty as you can
- Make the program readable with adequate documentation
- Upload the program *some_program_name*.c in moodle by Sunday, September 1, 2019, before 5:00 pm