Deluge Test - I

1. Write a deluge script which should take three integer values representing the lengths of the sides of a triangle and determine if the triangle is: Equilateral Triangle or Isosceles Triangle, Scalene Triangle?

2. Write a deluge script to convert days into years, months, weeks, and days
   Input: 373
   (Output will be : Year -1, Month - 0, Week - 1, Days - 1)

3. Check whether given number is Armstong Number or Not.
   Explanation:
   An Armstrong number (also known as a narcissistic number) is a number that is equal to the sum of its own digits, each raised to the power of the number of digits.
   Example:
   153 : (1^3 + 5^3 + 3^3 = 1 + 125 + 27 =153)

4. Find the occurrence count of element present in the given lists
   List1 = {"Vijay", "Surya", "Ajith"};
   List2 = {"Vijay", "Surya", "Shalini"};
   List3 = {"Ajith", "Sangeetha", "Shalini"};
   Output : {"Vijay": 2, "Surya":2, "Ajith":2, "Sangeetha":1, "Shalini":2}

5. Find the Closest Number in a given list
   Numbers={33466,7897,236247,5446,23446,789678,895,3454,78656,65436};

   Find Number = 75457;