

Problem 2

1. Find the sequence generation rule of 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610.....

此數列為費波那契數列

下一項為前面兩項之總和:  $a_{i+2} = a_i + a_{i+1}$