# Bailey, Borwein and Plouffe

Mathematicians [Bailey, Borwein and Plouffe](http://en.wikipedia.org/wiki/Bailey–Borwein–Plouffe_formula) created a formula to find the digits of pi in 1995. As you know, pi is an irrational number which cannot be described as the sum simple of fractions. The BBP formula is

*Hint:*

*Can be written as:*

int Answer = 0;

For k = 0 To 10

Answer += equation

Loop

* Write a program to calculate the first 100 digits of pi and output pi to the screen.
* Use a function to calculate the last term to the power of n.
* Compare the value produced with the value given to pi by your program.

Credit: M Blundell