8.2 The dot product of two one-dimensional arrays of real numbers A and B defined as

Dim A(1 To Max_Size) As Double
Dim B(1 To Max_Size) As Double

is the sum of

A[1]*B[1] + A[2]*B[2] + A[3]*B[3] + ... + A[Max_Size]*B[Max_Size]

where Max_Size is an integer representing size of the array.

Write a function

function Dot_Product(A ( ) As Double, B( ) As Double) As Double

to pass the two arrays and the number of elements in each array to the function to calculate the dot product of the two array.
Write a program to test your function.

Sample running :