

The second serie (N°02)

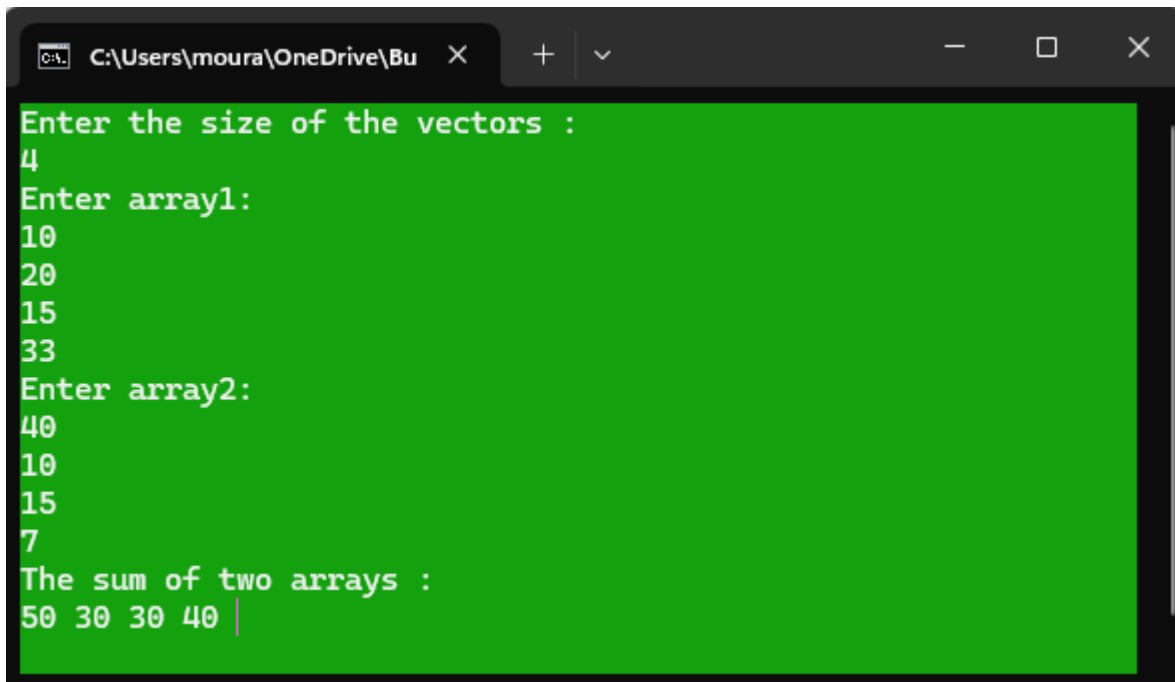
Solution

Exercise 16 :

1) Here is a pascal program that calculates the sum of two vectors:

```
Program sumoftwovect;  
Var  
  i,size: Integer;  
  v1,v2,s: Array[1..100] Of Integer;  
Begin  
  Writeln('Enter the size of the vectors : ');  
  Readln(size);  
  Writeln('Enter array1: ');  
  For i:=1 To size Do  
    Readln(v1[i]);  
  Writeln('Enter array2: ');  
  For i:=1 To size Do  
    Readln(v2[i]);  
  Writeln('The sum of two arrays :');  
  For i:=1 To size Do  
    Begin  
      s[i] := v1[i]+v2[i];  
      Write(s[i], ' ');  
    End;  
  Readln;  
End.
```

After program running, here's the display:



A screenshot of a terminal window with a black title bar and a green background. The window title is "C:\Users\moura\OneDrive\Bu". The text displayed in the terminal is as follows:

```
Enter the size of the vectors :  
4  
Enter array1:  
10  
20  
15  
33  
Enter array2:  
40  
10  
15  
7  
The sum of two arrays :  
50 30 30 40 |
```

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