

The second serie (N°02)

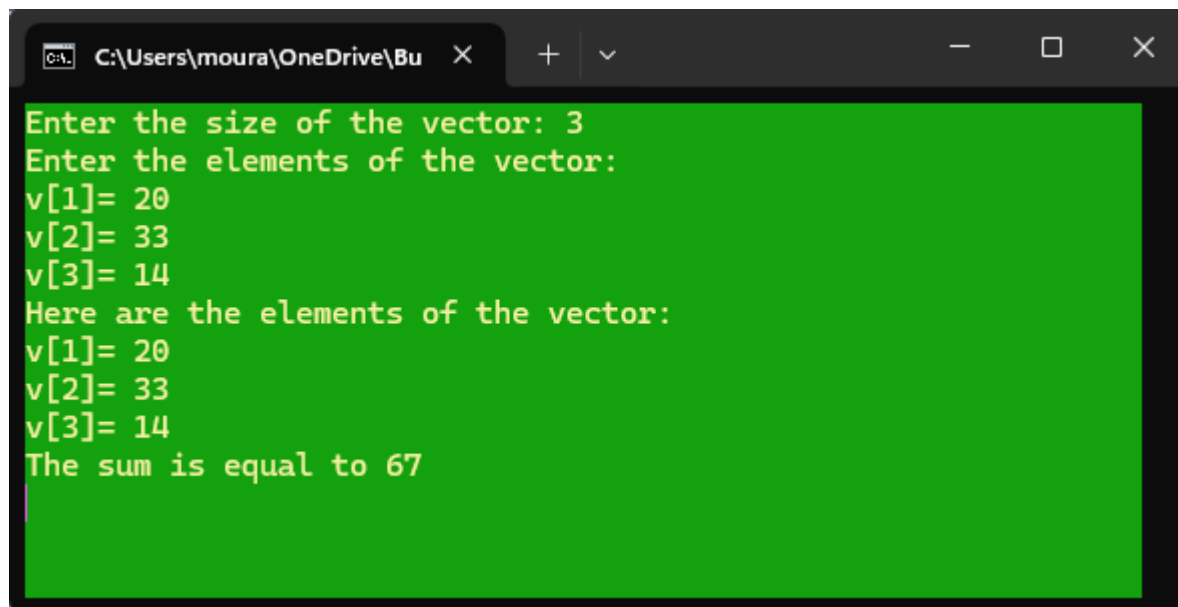
Solution

Exercise 11 :

- 1) Here is a pascal program that:
- Reads a vector (array) of integers then displays this vector.
 - Calculates the sum of the vector's elements

```
program ex11;
const n=100;
var
v:array[1..n] of integer;
i,sum,size:Integer;
Begin
write('Enter the size of the vector: '); readln(size);
writeln('Enter the elements of the vector: ');
For i:=1 to size Do
begin
write('v['',i,']= ');
readln(v[i]);
end;
writeln('Here are the elements of the vector: ');
For i:=1 to size Do
begin
writeln('v['',i,']= ',v[i]);
end;
sum:=0;
For i:=1 to size Do
sum:=sum+v[i];
writeln('The sum is equal to ',sum);
readln;
end.
```

After program running, here's the display:



```
C:\Users\moura\OneDrive\Bu x + v - □ x
Enter the size of the vector: 3
Enter the elements of the vector:
v[1]= 20
v[2]= 33
v[3]= 14
Here are the elements of the vector:
v[1]= 20
v[2]= 33
v[3]= 14
The sum is equal to 67
```

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