

The second serie (N°02)

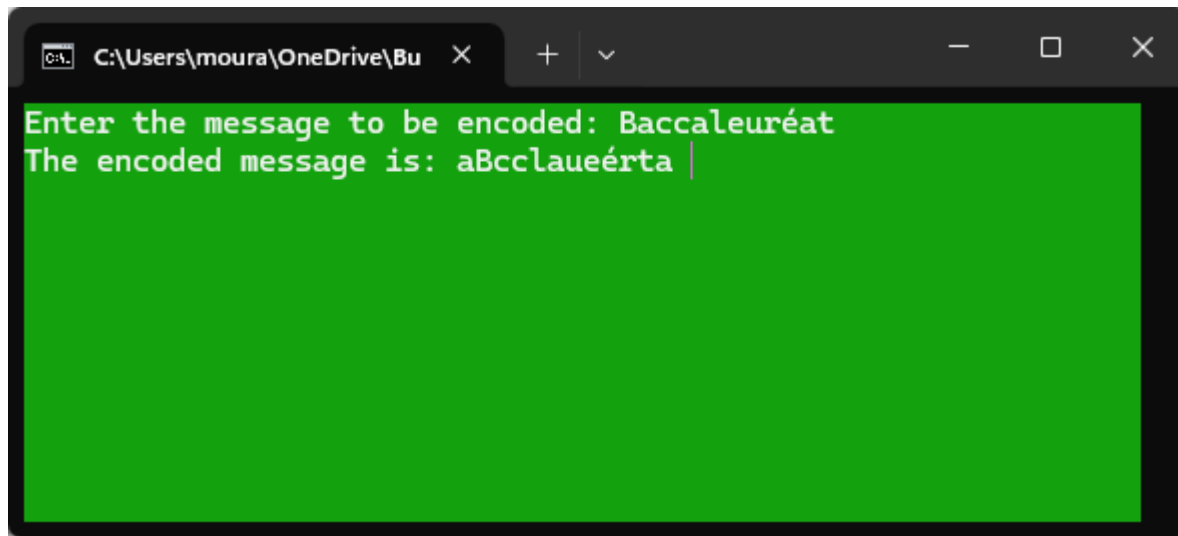
Solution

Exercice 10 :

- 1) Here is a pascal program allowing a message to be encoded using the following process: permute each even index character with the character that precedes it.

```
Program ex10;
var s:string;
c:char;
i:integer;
Begin
write('Enter the message to be encoded: '); readln(s);
i:=1;
while i<Length(s) Do
Begin
c:=s[i];
s[i]:=s[i+1];
s[i+1]:=c;
i:=i+2;
end;
write('The encoded message is: ',s);
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 title bar contains the text 'C:\Users\moura\OneDrive\Bu' followed by window control icons. The terminal displays two lines of text: 'Enter the message to be encoded: Baccaleuréat' and 'The encoded message is: aBcclaueérta |'. A vertical cursor is positioned at the end of the second line.

```
C:\Users\moura\OneDrive\Bu x + v - □ ×  
Enter the message to be encoded: Baccaleuréat  
The encoded message is: aBcclaueérta |
```

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