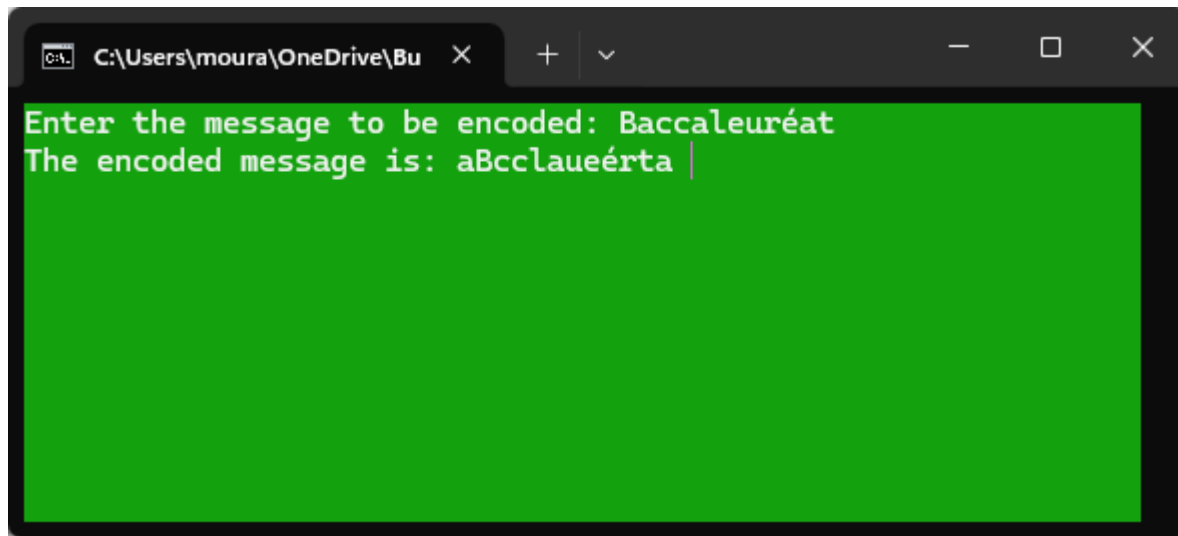## The second serie (N°02)

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.

```pascal
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:

```
Enter the message to be encoded: Baccaleuréat
The encoded message is: aBcclaueérta
```