

Année scolaire : 2016/2017	Bac pratique informatique	Date : 27/05/2017
HADHRI Aymen	Section : Sciences de l'informatique	08:00
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program Cryptage;
uses wincrt;
var cle:string;
fs:text;
fc:text;
procedure saisir(var cle:string);
var i,j:integer;ok1,ok2:boolean;
begin
repeat
write('cle=');
readln(cle);
ok1:=true;
for i:=1 to length(cle) do
if(not(cle[i]in['A'..'Z']))then
ok1:=false;
ok2:=true;
for i:=1 to length(cle)-1 do
for j:=i+1 to length(cle) do
if(cle[i]=cle[j])then
ok2:=false;
until((ok1)and(ok2)and(length(cle)in
[5..10]));
end;
procedure generer(var fs:text;var
fc:text;cle:string);
var m:array[1..10,1..10]of char;
ch:string;
i,j,nb,l,c:integer;
begin
reset(fs);
rewrite(fc);
while(not(eof(fs)))do
begin
readln(fs,ch);
l:=length(cle);
while((length(ch))mod(length(cle))<>0)do
ch:=ch+' ';
nb:=0;
c:=length(ch);
for i:=1 to (c div l)do
for j:=1 to l do
begin
nb:=nb+1;
m[i,j]:=ch[nb];

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end;
ch:='';
for j:=1 to l do
begin
ch:=ch+cle[j];
for i:=1 to (c div l)do
ch:=ch+m[i,j];
end;
writeln(fc,ch);
end;
close(fs);
close(fc);
end;
procedure afficher(var fc:text);
var ch:string;
begin
reset(fc);
while(not(eof(fc)))do
begin
readln(fc,ch);
writeln(ch);
end;
close(fc);
end;
begin
assign(fs,'c:\source.txt');
assign(fc,'c:\crypt.txt');
saisir(cle);
GENERER(fs,fc,cle);
AFFICHER(fc);
end.

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