

Bac pratique informatique 2013
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program bac_2013;
uses wincrt;
type
tab=array [1..100] of string;
tab1=array [1..100] of integer;
var
matricule:tab;
score:tab1;
n:integer;
procedure saisie (var n:integer);
begin
repeat
write ('donner n=');
readln (n);
until (n>=5) and (n<=100);
end;

function verif (ch:string):boolean;
var
test:boolean;
i:integer;
begin
test:=true;
for i:= 1 to length(ch) do
if not(ch[i] in ['0'..'9']) then
test:=false;
verif:=test;
end;

procedure remplir_Matricules_score
( var M:tab; var S:tab1; N:integer);

var
i:integer;
begin
for i:=1 to n do
begin
repeat
write('matricule['',i,']=');
readln(M[i]);
until verif(M[i])and (length(m[i])=8);
repeat
write('score['',i,']=');
readln(S[i]);
until(S[i]>=20)and(S[i]<=120);
end;
end;

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procedure tri (var M:tab; var S:tab1; n:integer);
var
i,j:integer; aux_m:string; aux_s:integer;
begin
for i:=1 to n do
for j:=1 to n-1 do
if s[j]<s[j+1] then
begin
aux_m:= m[j];
m[j]:=m[j+1];
m[j+1]:=aux_m;
aux_s:= s[j];
s[j]:=s[j+1];
s[j+1]:=aux_s;
end;
end;

procedure affichage (m:tab; n:integer);
var
i:integer;
begin
n:= round(n/4);
writeln('la liste des admis :');
for i:=1 to n do
write(m[i],'|');
end;

(*****programme principal *****)
BEGIN
SAISIE(n);
remplir_Matricules_score( Matricule,Score, N);
tri( Matricule,Score, N);
affichage(matricule,N);
readln;
END.

```