

Corrigé bac pratique 22 mai 2010 à 8h 30 mn

```
program mai2010;
uses wincrt;
type
tab = array[1..11] of integer;
var t:tab;
n,i,e,j:integer;
```

```
procedure saisie(var n:integer);
begin
repeat
writeln('donner la taille du
tableau');
readln(n);
until (n>=4) and (n<=10);
end;
```

```
procedure remplir(var t:tab;
n:integer);
begin
writeln('donner le premier
element du tableau');
readln(t[1]);
for i:=2 to n do
repeat

writeln('donner un entier');
readln(t[i]);
until (t[i]>t[i-1]);
end;
```

```
procedure inserer(var
t:tab;n,e:integer);
```

```
begin
i:=0;
repeat
i:=i+1;
if t[i] > e then

for j:=n downto i do
t[j+1]:=t[j];

until (t[i] > e) or (i=n);

if i=n then t[n+1]:=e
else t[i]:=e;

end;
```

```
procedure afficher
(t:tab;n:integer);
begin
for i:=1 to n do
write(t[i],'.');
end;

begin
saisie(n);
remplir(t,n);
writeln('donner e');
readln(e);
inserer(t,n,e);
writeln('apres l''insertion de ',e,'
le tableau devient');
afficher(t,n+1);
end.
```