<u>*Mercredi 20 mai 2009 à 10h30*</u>

```pascal
program triangle;
uses wincrt;


var
h:integer;

procedure saisir(var h:integer);
begin
repeat
  write('Donner la hauteur du triangle: ');readln(h);
until h in [5..10];
end;

procedure afficher(h:integer);
var
   i,j,k:integer;
   ch:string;
   begin
   ch:='';
  for i:=1 to h*2-1 do
     ch:=ch+'*';
writeln(ch);

j:=1;
k:=length(ch);
for i:=2 to h do
    begin
    ch[j]:=' ';
    ch[k]:=' ';
    writeln(ch);
    j:=j+1;
    k:=k-1;
    end;
end;

begin
saisir(h);
afficher(h);
end.
```

Correction proposée par
Mr Fakher Mkhinini

```pascal
program triangle;
uses wincrt;

var
h:integer;

procedure saisir(var h:integer);
begin
repeat
  write('Donner la hauteur du triangle: ');readln(h);
until h in [5..10];
end;

procedure afficher(h:integer);
var
   i,j:integer;
   ch:string;
   begin
   ch:='';
  for i:=1 to h*2-1 do
     ch:=ch+'*';
writeln(ch);


j:=length(ch)-1;
for i:=2 to h do
    begin

    delete(ch,1,2);
    writeln(ch:j);
    j:=j-1;

    end;
end;

begin
saisir(h);
afficher(h);
end.
```

```pascal
program triangle;
uses wincrt;


var
h:integer;

procedure saisir(var h:integer);
begin
repeat
  write('Donner la hauteur du triangle: ');readln(h);
until h in [5..10];
end;


procedure afficher(h:integer);
var
   i,j,nb:integer;
   e:string;
begin
e:='';
nb:=2*h-1;

    for i:=1 to h do
      begin
       write(e);
          for j:=nb downto 1 do
          write('*');

       writeln;
       e:=e+' ';
       nb:=nb-2;
     end;
end;


begin
saisir(h);
afficher(h);
end.
```