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program jeudi_21_05_2014_8h;
uses wincrt;
type
tf=file of integer;
mat= array[1..10,1..10] of integer;
var
F:tf;
Mt:mat;
n,m:integer;
procedure saisie (var n,m:integer);
begin
  repeat
    write('taper N= '); readln(n,m);
  until (n in [1..10])and(m in [1..10])and( m
  mod 2=0);
end;
procedure remplirt ( var Mt:mat;
n,m:integer);
  var
  L,c:integer;
begin
  for L:=1 to n do
  for c:=1 to m do
begin
    Write('M[',l,',',c,']');readln(mt[l,c]);
end;
end;
procedure remplirf (var F:tf; mt:mat;
n,m:integer);
  var
  dif,l,c:integer;
begin
    reset(f);
    for l:=1 to n do
    for c:=1 to (m div 2 ) do
      begin
        dif:=abs(mt[l,c] -mt[l,m-c+1]);
        write(f,dif);
        write(dif,'| ');
      end;
    close(f);
end;
procedure suite (var f:tf);
  var
  a,x1,x2,r2,nb, r:integer; ch,s1,s2,s:string;
begin
    reset(f);
    while not (eof(f)) do
      begin

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        read(f,x2);
        r:=x2-x1; ch:='';
        str(x1,s1);
        str(x2,s2);ch:=ch+s1+','+s2+',';r2:=r;
        nb:=0;
        while (r2=r)and not(eof(f))do
          begin
            read(f,a);r2:=a-x2;
            if(r2=r ) then
              begin
                nb:=nb+1;
                str(a,s);
                x2:=a;
                ch:=ch+s+',';
              end;
            end;
          if nb>0 then
            writeln(ch,' est une suite arithmétique de
            raison r=',r);
          if filepos(f)<>filesize(f) then
            seek(f,filepos(f)-1);
          end;
          close(f);
        end;

        BEGIN
          saisie( n,m);
          remplirt(mt,n,m);
          assign(f,'c:\Fnombre.dat');rewrite(f);
          remplirf(f,mt,n,m);
          suite(f);
        END.

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Correction proposée par :
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