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Program DC3;
uses wincrt;

Type
  enreg = Record
    IndD,IndF,nbr:Integer;
    Seq:string;
  End;
tab = Array[1..20] of Integer;
tab1 = Array[1..100] of enreg;

Var
  F:Text;
  T:tab;
  V:tab1;
  N,k:Integer;

Procedure RempT(var T:tab; var N:Integer);
var i :integer;
Begin
  Repeat
    Writeln('Donner la taille du tableau: ');
    Readln(N);
  Until (N in [2..20]);
  For i := 1 to N Do
    Begin
      Writeln('Donner T[' ,i ,']: ');
      Readln(T[i]);
    end;
end;

Procedure RempV(var V:tab1; T:tab; var k:Integer; N:integer);
var i,j,c:integer;
    ch,ch1:String;
Begin
  i := 0;
  k := 0;
  Repeat
    i := i + 1;
    j := i;
    ch := '';
    while ((T[j] mod 2 =0) and (j<=n)) Do
      j := j +1;
    if (j - i >= 2) Then
      Begin
        k := k +1;
        V[k].IndD := i;
        V[k].IndF := j-1;
        V[k].Nbr := j - i;
        For c := i to j-1 Do
          Begin
            Str(T[c],ch1);
            ch := ch + ch1 + '|';
          end;
        Delete(ch,Length(ch),1);
        V[k].Seq := ch;
        i := j-1;
      end;
    Until (i >=n);
end;

Function Remplacer(ch:string):string;
var i :integer;
Begin
  For i := 1 to Length(ch) Do
    if (ch[i] = '|') Then
      ch[i] := ',';
  Remplacer:= ch;
end;

Procedure RempF(var F:Text; V:tab1; k:integer);
Var
  i,max,ind:Integer;
Begin
  Rewrite(F);

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max := V[1].Nbr;
ind := 0;
For i := 1 to k Do
  if (V[i].Nbr > max) Then
    Begin
      max := V[i].Nbr;
      ind := i;
    end;
  Writeln(F, 'La séquence la plus longue est: ', max);
  Writeln(F, 'Les éléments de cette séquence: ', Remplacer(V[ind].Seq));
Close(F);
end;

Procedure Affiche(var F:Text);
var ch:string;
Begin
  Reset(F);
  While (not(eof(F))) Do
    Begin
      Readln(F, ch);
      Writeln(ch);
    end;
  Close(F);
end;
Begin
  Assign(F, 'C:\PASCALXE\Séquence.txt');
  RempT(T, N);
  RempV(V, T, K, N);
  RempF(F, V, k);
  Affiche(F);
end.
```