

```
program sortowanie_babelkowe;
uses crt;

type _Tablica = array [1..10] of integer;

var
    a:_Tablica;

procedure Czytaj(var ra:_Tablica);
var x:byte;
begin
    clrscr;
    for x:=1 to 10 do
        begin
            write('element ',x,': ');
            readln(ra[x]);
        end;
end;

procedure Wyswietl(ra:_Tablica);
var x:byte;
begin
    writeln('-----');
    for x:=1 to 10 do
        writeln('element ',x,': ',ra[x]);
end;

procedure Babelki(var ra:_Tablica);
var i,j:byte;
    x:integer;
begin
    for i:=2 to 10 do
        for j:=10 downto i do
            if (ra[j-1]>ra[j]) then
                begin
                    x:=ra[j-1];
                    ra[j-1]:=ra[j];
                    ra[j]:=x;
                end;
end;

begin
    Czytaj(a);
    Babelki(a);
    Wyswietl(a);
    repeat until keypressed;
end.
```