BUBBLE SORT OUPUT:


```
DOSBox 0.74, Cpu speed: max 100% cycles, Frameskip 0, Progra...    —    □    ✕
 File  Edit  View  Search  Run  Watch  Options  Calls                    Help
┌────────────────────local──────────────────────────┐  ┌─reg─┐
├──────────────source1 CS:IP (ACTIVE)────────────────┤  │ AX = 0506
052A:000F 8AE9      MOV      CH,CL                        BX = 0000
052A:0011 BE0000    MOV      SI,0000                      CX = 0404
052A:0014 8A840500  MOV      AL,Byte Ptr [SI+0005]        DX = 0000
052A:0018 46        INC      SI                           SP = 0000
052A:0019 3A840500  CMP      AL,Byte Ptr [SI+0005]        BP = 0000
052A:001D 7208      JB       0027                         SI = 0000
052A:001F 86840500  XCHG     AL,Byte Ptr [SI+0005]        DI = 0000
052A:0023 88840400  MOV      Byte Ptr [SI+0004],AL        DS = 052D
052A:0027 FECD      DEC      CH                           ES = 051A
052A:0029 75E9      JNZ      0014                         SS = 0529
052A:002B FEC9      DEC      CL                           CS = 052A
052A:002D 75E0      JNZ      000F                         IP = 0014
052A:002F B44C      MOV      AH,4C                        FL = 0202
052A:0031 CD21      INT      21
052A:0033 00060503  ADD      Byte Ptr [0305],AL           NV UP EI PL
052A:0037 0401      ADD      AL,01                        NZ NA PO NC
├───────────────────command─────────────────────────┤
CV1053 Warning:   TOOLS.INI not found                     DS:0005
CV0101 Warning:   No symbolic information for C:\lab9_b1.EXE   05
>
<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>
```

File Edit View Search Run Watch Options Calls   Help
```
┌──────────────────────local──────────────────────┐  ┌─reg─┐
│────────────source1 CS:IP (ACTIVE)────────────────│  │AX = 0505│
│052A:000F 8AE9        MOV      CH,CL               │  │BX = 0000│
│052A:0011 BE0000      MOV      SI,0000             │  │CX = 0404│
│052A:0014 8A840500    MOV      AL,Byte Ptr [SI+0005]│ │DX = 0000│
│052A:0018 46          INC      SI                  │  │SP = 0000│
│052A:0019 3A840500    CMP      AL,Byte Ptr [SI+0005]│ │BP = 0000│
│052A:001D 7208        JB       0027                │  │SI = 0001│
│052A:001F 86840500    XCHG     AL,Byte Ptr [SI+0005]│ │DI = 0000│
│052A:0023 88840400    MOV      Byte Ptr [SI+0004],AL│ │DS = 052D│
│052A:0027 FECD        DEC      CH                  │  │ES = 051A│
│052A:0029 75E9        JNZ      0014                │  │SS = 0529│
│052A:002B FEC9        DEC      CL                  │  │CS = 052A│
│052A:002D 75E0        JNZ      000F               │  │IP = 0019│
│052A:002F B44C        MOV      AH,4C               │  │FL = 0202│
│052A:0031 CD21        INT      21                  │  │         │
│052A:0033 00060503    ADD      Byte Ptr [0305],AL  │  │NV UP EI PL│
│052A:0037 0401        ADD      AL,01               │  │NZ NA PO NC│
├──────────────────────command────────────────────┤  │         │
│CV1053 Warning:   TOOLS.INI not found             │  │DS:0006  │
│CV0101 Warning:   No symbolic information for C:\lab9_b1.EXE│ │03│
│>_                                                │  │         │
└──────────────────────────────────────────────────┘  └─────┘
```
<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>

File Edit View Search Run Watch Options Calls   Help
```
┌──────────────────────local──────────────────────┐  ┌─reg─┐
│────────────source1 CS:IP (ACTIVE)────────────────│  │AX = 0505│
│052A:000F 8AE9        MOV      CH,CL               │  │BX = 0000│
│052A:0011 BE0000      MOV      SI,0000             │  │CX = 0304│
│052A:0014 8A840500    MOV      AL,Byte Ptr [SI+0005]│ │DX = 0000│
│052A:0018 46          INC      SI                  │  │SP = 0000│
│052A:0019 3A840500    CMP      AL,Byte Ptr [SI+0005]│ │BP = 0000│
│052A:001D 7208        JB       0027                │  │SI = 0002│
│052A:001F 86840500    XCHG     AL,Byte Ptr [SI+0005]│ │DI = 0000│
│052A:0023 88840400    MOV      Byte Ptr [SI+0004],AL│ │DS = 052D│
│052A:0027 FECD        DEC      CH                  │  │ES = 051A│
│052A:0029 75E9        JNZ      0014                │  │SS = 0529│
│052A:002B FEC9        DEC      CL                  │  │CS = 052A│
│052A:002D 75E0        JNZ      000F               │  │IP = 0019│
│052A:002F B44C        MOV      AH,4C               │  │FL = 0202│
│052A:0031 CD21        INT      21                  │  │         │
│052A:0033 00060305    ADD      Byte Ptr [0503],AL  │  │NV UP EI PL│
│052A:0037 0401        ADD      AL,01               │  │NZ NA PO NC│
├──────────────────────command────────────────────┤  │         │
│CV1053 Warning:   TOOLS.INI not found             │  │DS:0007  │
│CV0101 Warning:   No symbolic information for C:\lab9_b1.EXE│ │04│
│>                                                 │  │         │
└──────────────────────────────────────────────────┘  └─────┘
```
<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>

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 File  Edit  View  Search  Run  Watch  Options  Calls            Help
┌─────────────────────local──────────────────┐  ┌─reg─┐
│────────────────source1 CS:IP (ACTIVE)──────│  │ AX = 0505
│052A:000F 8AE9        MOV     CH,CL          │  │ BX = 0000
│052A:0011 BE0000      MOV     SI,0000        │  │ CX = 0204
│052A:0014 8A840500    MOV     AL,Byte Ptr [SI+0005]│ DX = 0000
│052A:0018 46          INC     SI             │  │ SP = 0000
│052A:0019 3A840500    CMP     AL,Byte Ptr [SI+0005]│ BP = 0000
│052A:001D 7208        JB      0027           │  │ SI = 0003
│052A:001F 86840500    XCHG    AL,Byte Ptr [SI+0005]│ DI = 0000
│052A:0023 88840400    MOV     Byte Ptr [SI+0004],AL│ DS = 052D
│052A:0027 FECD        DEC     CH             │  │ ES = 051A
│052A:0029 75E9        JNZ     0014█          │  │ SS = 0529
│052A:002B FEC9        DEC     CL             │  │ CS = 052A
│052A:002D 75E0        JNZ     000F           │  │ IP = 0019
│052A:002F B44C        MOV     AH,4C          │  │ FL = 0206
│052A:0031 CD21        INT     21             │  │
│052A:0033 00060304    ADD     Byte Ptr [0403],AL│ NV UP EI PL
│052A:0037 050106      ADD     AX,0601        │  │ NZ NA PE NC
├────────────────────command─────────────────┤  │
│CV1053 Warning:   TOOLS.INI not found        │  │ DS:0008
│CV0101 Warning:   No symbolic information for C:\lab9_b1.EXE│ 01
│>                                            │  │
└─────────────────────────────────────────────┘  └─────┘
 <F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>
```

```
 File  Edit  View  Search  Run  Watch  Options  Calls            Help
┌─────────────────────local──────────────────┐  ┌─reg─┐
│────────────────source1 CS:IP (ACTIVE)──────│  │ AX = 0505
│052A:000F 8AE9        MOV     CH,CL          │  │ BX = 0000
│052A:0011 BE0000      MOV     SI,0000        │  │ CX = 0104
│052A:0014 8A840500    MOV     AL,Byte Ptr [SI+0005]│ DX = 0000
│052A:0018 46          INC     SI             │  │ SP = 0000
│052A:0019 3A840500    CMP     AL,Byte Ptr [SI+0005]│ BP = 0000
│052A:001D 7208        JB      0027           │  │ SI = 0004
│052A:001F 86840500    XCHG    AL,Byte Ptr [SI+0005]│ DI = 0000
│052A:0023 88840400    MOV     Byte Ptr [SI+0004],AL│ DS = 052D
│052A:0027 FECD        DEC     CH             │  │ ES = 051A
│052A:0029 75E9        JNZ     0014█          │  │ SS = 0529
│052A:002B FEC9        DEC     CL             │  │ CS = 052A
│052A:002D 75E0        JNZ     000F           │  │ IP = 0019
│052A:002F B44C        MOV     AH,4C          │  │ FL = 0202
│052A:0031 CD21        INT     21             │  │
│052A:0033 00060304    ADD     Byte Ptr [0403],AL│ NV UP EI PL
│052A:0037 0105        ADD     Word Ptr [DI],AX│ NZ NA PO NC
├────────────────────command─────────────────┤  │
│CV1053 Warning:   TOOLS.INI not found        │  │ DS:0009
│CV0101 Warning:   No symbolic information for C:\lab9_b1.EXE│ 06
│>                                            │  │
└─────────────────────────────────────────────┘  └─────┘
 <F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>
```

```
File   Edit   View   Search   Run   Watch   Options   Calls                    Help
                              local
                     source1 CS:IP (ACTIVE)                              reg
052A:0000 B82D05       MOV       AX,052D                          AX = 0508
052A:0003 8ED8         MOV       DS,AX                            BX = 0000
052A:0005 8D360500     LEA       SI,Word Ptr [0005]               CX = 0105
052A:0009 8A0E0400     MOV       CL,Byte Ptr [0004]               DX = 0000
052A:000D FEC9         DEC       CL                               SP = 0000
052A:000F 8AE9         MOV       CH,CL                            BP = 0000
052A:0011 BE0000       MOV       SI,0000                          SI = 0005
052A:0014 8A840500     MOV       AL,Byte Ptr [SI+0005]            DI = 0000
052A:0018 46           INC       SI                               DS = 052D
052A:0019 3A840500     CMP       AL,Byte Ptr [SI+0005]            ES = 051A
052A:001D 7208         JB        0027                             SS = 0529
052A:001F 86840500     XCHG      AL,Byte Ptr [SI+0005]            CS = 052A
052A:0023 88840400     MOV       Byte Ptr [SI+0004],AL            IP = 0019
052A:0027 FECD         DEC       CH                               FL = 0206
052A:0029 75E9         JNZ       0014
052A:002B FEC9         DEC       CL                               NV UP EI PL
                                                                  NZ NA PE NC
                              command
CV1053 Warning:   TOOLS.INI not found                             DS:000A
CV0101 Warning:   No symbolic information for C:\lab9_b1.EXE        06
>

<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display> <ESC=Cancel>
```