

## 1. 冒泡排序

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program:...
Source listing [NUL.LST]:
Cross-reference [NUL.CRF]:

51590 + 464954 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\MASM\BIN>LINK.EXE BUBBLE.OBJ

Microsoft (R) Overlay Linker Version 3.60
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Run File [BUBBLE.EXE]:
List File [NUL.MAP]:
Libraries [.LIB]:

C:\MASM\BIN>BUBBLE.EXE
02106 03221 00400 00010 00020 00000 00001 00008 00065 00040 00066 08993 00060 65
535 00002 00003
My name is 21373221 Deng Tao
00000 00001 00002 00003 00008 00010 00020 00040 00060 00065 00066 00400 02106 03
221 08993 65535
```

红线为水印位置，对应文件名 BUBBLE.ASM

## 2. 乘法

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program:...
Object filename [MULT.OBJ]:
Source listing [NUL.LST]:
Cross-reference [NUL.CRF]:
Open procedures: MAIN

51638 + 464906 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\MASM\BIN>LINK.EXE MULT.OBJ

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Run File [MULT.EXE]:
List File [NUL.MAP]:
Libraries [.LIB]:

C:\MASM\BIN>MULT.EXE
My name is 21373221 Deng Tao
123
456
56088
C:\MASM\BIN>
```

对应的文件名为 MULT.ASM

### 3. 32位无符号数乘法（选做）



第一行为16进制输出，第二行为十进制输出，对应文件名为 `MULT32.ASM`