

// LAB1 SEARCH

```
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Unable to open input file: cursor.ASM

C:\MASM>masm Search;;
Microsoft (R) Macro Assembler Version 5.00
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51468 + 465076 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\MASM>link Search;;

Microsoft (R) Overlay Linker Version 3.60
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LINK : warning L4021: no stack segment

C:\MASM>Search

ELEMENT NOT FOUND IN LIST ...
C:\MASM>
```

//LAB2 Bubblesort

```
C:\MASM>masm BubbleS;;
Microsoft (R) Macro Assembler Version 5.00
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51546 + 464998 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\MASM>link BubbleS;;

Microsoft (R) Overlay Linker Version 3.60
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LINK : warning L4021: no stack segment

C:\MASM>BubbleS

1 - sort in ascending order
2 - sort in descending order
3 - exit
enter your choice1
C:\MASM>
```

```

File Edit View Search Run Watch Options Calls
+-----+-----+-----+-----+
| | | | | local | | | | |
| | | | | source1 CS:IP (ACTIVE) | | | | |
+-----+-----+-----+-----+
052A:0000 B83305      MOV     AX,0533
052A:0003 8ED8        MOV     DS,AX
052A:0005 8D360700      LEA     SI,Word Ptr [0007]
052A:0009 8A0E0600      MOV     CL,Byte Ptr [0006]
052A:000D FEC9        DEC     CL
052A:000F 8D160D00      LEA     DX,Word Ptr [000D]
052A:0013 B409        MOV     AH,09
052A:0015 CD21        INT     21
052A:0017 8D162B00      LEA     DX,Word Ptr [002B]
052A:001B B409        MOV     AH,09
052A:001D CD21        INT     21
052A:001F 8D164A00      LEA     DX,Word Ptr [004A]
052A:0023 B409        MOV     AH,09
052A:0025 CD21        INT     21
052A:0027 8D165500      LEA     DX,Word Ptr [0055]
052A:002B B409        MOV     AH,09
+-----+-----+-----+-----+
| | | | | command | | | | |
+-----+-----+-----+-----+
CU1053 Warning:  TOOLS.INI not found
CU0101 Warning:  No symbolic information for C:\MASM\BubbleS.EXE
>
+-----+-----+-----+-----+
| | | | | |
+-----+-----+-----+-----+
<F8=Trace> <F10=Step> <F5=Go> <F6=Window> <F3=Display>

```

```
//LAB3 ASCII
```

Entered was a

```
C:\MASM>
```

```
//Lab4 Palindrome
```

```

C:\>cd masm

C:\MASM>masm PALIM;;
Microsoft (R) Macro Assembler Version 5.00
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51594 + 464950 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\MASM>link PALIM;;

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LINK : warning L4021: no stack segment

C:\MASM>PALIM

enter a string madam

string is palindrome
C:\MASM>

```

// LAB5 String

```

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51618 + 464926 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\MASM>link string;;

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LINK : warning L4021: no stack segment

C:\MASM>string

ENTER FIRST STRING      : sam
ENTER SECOND STRING     : arth

LENGTH OF FIRST STRING: 03
LENGTH OF SECOND STRING: 04
---STRINGS ARE NOT EQUAL---
C:\MASM>

```