// LAB1 SEARCH

```
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

Unable to open input file: cursor.ASM

C:\MASM>masm Search;;
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51468 + 465076 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\MASM>link Search;;

Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

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
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51546 + 464998 Bytes symbol space free

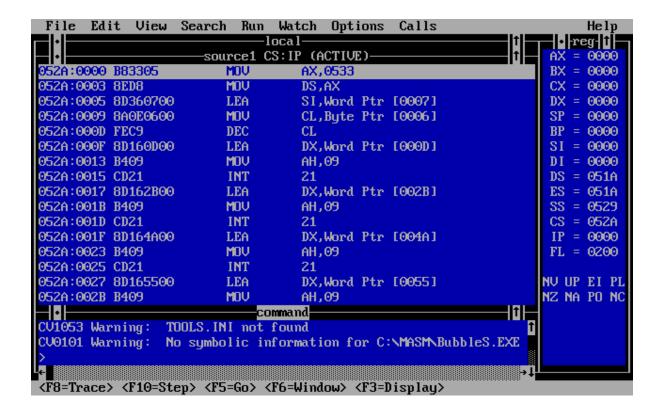
0 Warning Errors
0 Severe Errors

C:\MASM>link BubbleS;;
Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

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>
```



//LAB3 ASCII

Entered was a

```
C:\MASM>
```

//Lab4 Palindrome

```
C:\>cd masm

C:\Masm>masm PALIM;
Microsoft (R) Macro Assembler Version 5.00

Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.

51594 * 464950 Bytes symbol space free

0 Warning Errors
0 Severe Errors

C:\Masm>link PALIM;

Microsoft (R) Overlay Linker Version 3.60

Copyright (C) Microsoft Corp 1983-1987. All rights reserved.

LINK: warning L4021: no stack segment

C:\Masm>PALIM

enter a string madam

string is palindrome

C:\Masm>
```

// LAB5 String

```
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.
 51618 + 464926 Bytes symbol space free
     0 Warning Errors
     O Severe Errors
C:\MASM>link string;;
Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.
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>
```