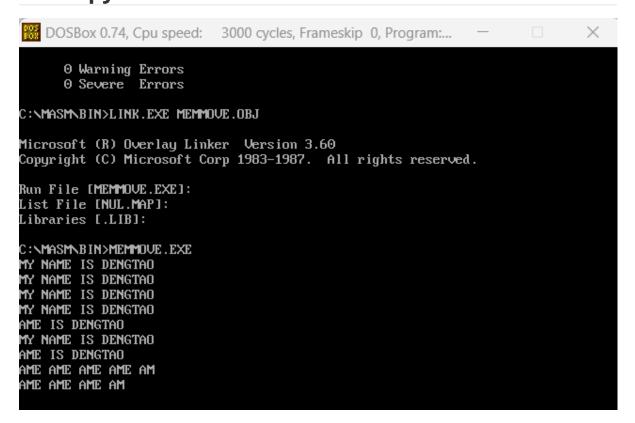
## 1. strcpy



memmove 处理子程序逻辑为,先计算原串的长度(以\$结尾),再将原串中每个字节依次复制到目标串的位置。

## 2. strcmp

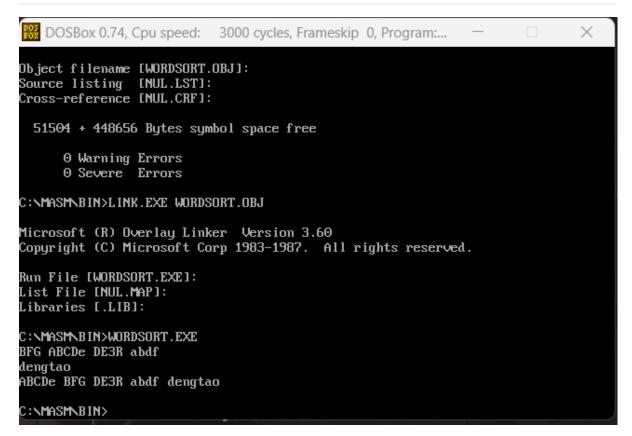
```
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program:...
                                                                             \times
Libraries [.LIB]:
C:\MASM\BIN>MASM.EXE STRCMP.ASM
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981–1985, 1987. All rights reserved.
Object filename [STRCMP.OBJ]:
Source listing [NUL.LST]:
Cross-reference [NUL.CRF]:
 51590 + 464954 Bytes symbol space free
      0 Warning Errors
      O Severe Errors
C:\MASM\BIN>STRCMP.EXE
234
123456<234
C:\MASM\BIN>STRCMP.EXE
123456
123456=123456
C:\MASM\BIN>STRCMP.EXE
123
123456>123
C:\MASM\BIN>
```

## 3. charcount

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program:...
Microsoft (R) Macro Assembler Version 5.00
Copyright (C) Microsoft Corp 1981-1985, 1987. All rights reserved.
Object filename [CHARCO~1.OBJ]:
Source listing [NUL.LST]:
Cross-reference [NUL.CRF]:
  51504 + 465040 Bytes symbol space free
      0 Warning Errors
      O Severe Errors
C:\MASM\BIN>LINK.EXE CHARCO~1.OBJ
Microsoft (R) Overlay Linker Version 3.60
Copyright (C) Microsoft Corp 1983-1987. All rights reserved.
Run File [CHARCO~1.EXE]:
List File [NUL.MAP]:
Libraries [.LIB]:
C:\MASM\BIN>CHARCO~1.EXE
AbAcd
3000Z
C:\MASM\BIN>_
```

子程序如果想从堆栈中获取参数,没有办法直接POP出来,因为CALL指令调用时,会先将下一条指令地址压入栈中,想要获取CX和SI必须先把栈顶保存,取出CX和SI再恢复栈顶

## 4. wordsort



按字典序升序排列,可以看到ABCDe与BFG交换了位置,并且输入的dengtao也插入到了单词表中