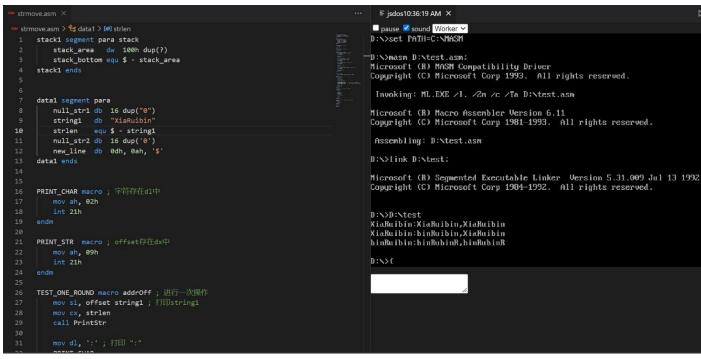
程序运行截图

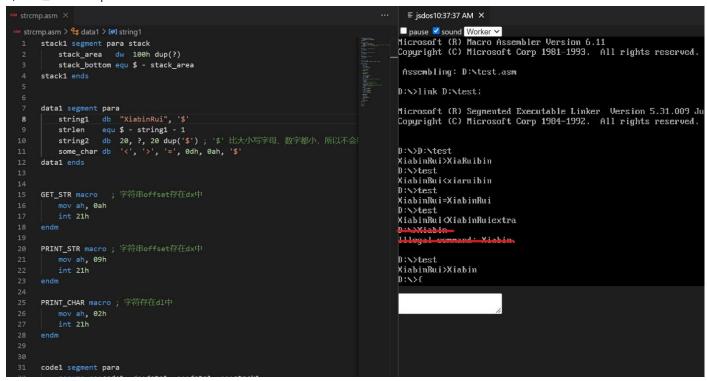
第1题: strmove



每行即为题干所述一轮移动后的输出

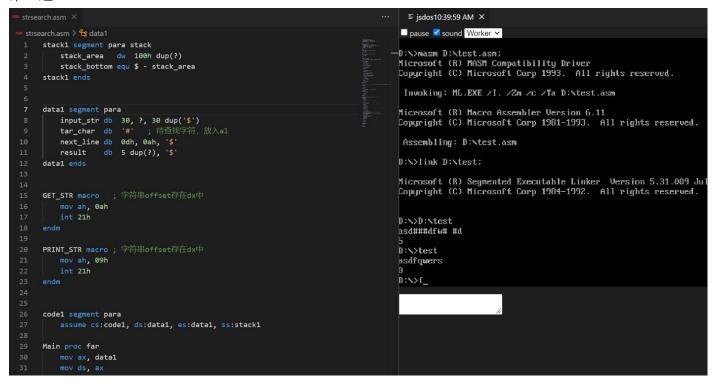
(1) 不重叠; (2) 重叠, string2 在 string1 前 (3) 重叠, string2 在 string1 后

第2题: strcmp



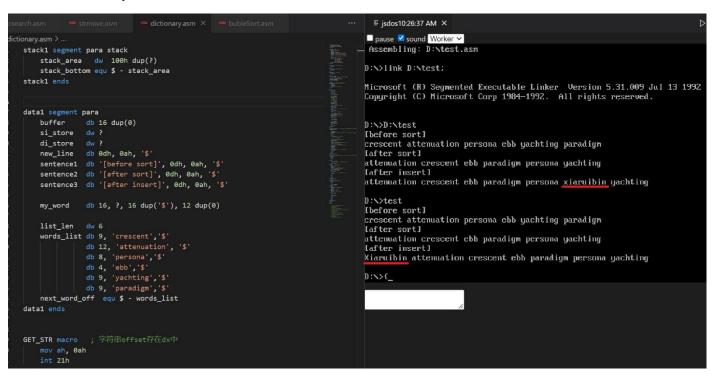
进行了多次测试,覆盖了输入串"短于/长于/等于"目标串 string1 的情况

第3题: strsearch



去除了次数的前导零,进行了两轮测试(非零/零)

第4题: dictionary



进行了两轮测试, 区分大小写

第1题: strmove

strmove, asm stack1 segment pard stack stack-area dw 100h dup(?) stack-bottom degu y-stack-area stack1 ends Stacks data data1 segment para null_strl db 16 dup ('0') string1 db "XiaRuibin" strien equ 4-string1 null-str2 ab 16 dap('o') now-line olb odh, oah, 14' data1 ends 20 PRINT_CHAR MACO mov ah, ozh int 21h endm PRINT- ESTER Macro mov ah, ogh int 21h endm BRTEST-ONE_ROUND macro addroff

PRTEST_ONE_ROUND macro addroff
mov si, offset string1
mov CX, strlen
call PrintStr
mov d& ':'
PRINT_CHAR

mov si, offset string1 MOV de SI mov di, offset strag 1+ addroff mov cx, strlen call MemMore mov si, offset string1 mov cx, strlen call Print Str mov dl, 1,1 PRINT_CHAR mov si, offset smag 1+ add off mov Cx, strlen. Call Print Str tea dx, now_line PRINT_STR endon code I segment para assume ds:datal es:datal, cg:codel, ss:stackl Main proc far mor ax, data1 mov ds, ax MOV es, ax mov ax, stack? hor ss, ax mov sp. stack-bottom TEST_ONE_ROUND otHen+2 TEST_ONE_ROUND -Strlen+3 TEST - ONE - ROUND STHEN-4

```
; Printstr (si, cx) 打印从si开路如cx十多月
Printstr proc
   push ax
   push dx
  lp-print:
 ( mov dl, [si]
 PRINT-CHAR
 inc si
 100p 1p-pnint
  pop dx
  pop ax
Print Str proc
; MemMov(si, di, cx) 相sistmcx行神神湖di处
Mem Move proc
      cld
rep movsb
ret
MemMove endp
codel ends
```

;被入50mm2 stramp.asm lea dx, string? stak1 (安之前相同) GET-STR if Jop strag 1 lea dx. string 1 stack1 ends PRINT_STR datal segment para ; strigl fostrige 比段 String 1 olb 'XiabinRui', '3' lea si, string 1 strlen equ q-string1-1 lea di, strag2+2 String2 db 20, =, 20 dup('\$'); \$ tt大好智强,发客都由,不影响 mov cx. strlen new-line db odh, oah, '\$' clo data1 ends repz cmpsb GEISTR MACIN 52 MOTHER ON PORT jb smaller ja larger GET-STR macro mov ah, oah xor ah, ah mov al, byte ptr string2+1 int 21h endm cmp ax, strlen PRINT_STR macro ja smaller mov ah, ogh jmp equal int 21h endina smaller: PRINT_CHAR Macro mov dl. '<' jmp print=result mov ah, ozh ihit 21h larger: mov dl, 171 endm jmp print_result equal: code1 segment para mev dl, '=1 assume cs: 60del, ds: datal, es: datal, sc: stack print-result: Main proc far PRINT-CHAR mov ax, data 1 itea. dx, string2+2 mov ds, ax PRINT_STR | code1 ends mov es, ax mov. ax, stackl exit , prove Tend Main mov SS, ax