addl siteax

ret

EX Program 1: style parameter registers, rdi
SVbg 1.rsi, y.rdi rdi-rsi → rdi
Hag (Y. Vdi, Y. VdX), Y. Vax Vdi+rdx → rax
retven Vegister
Mangler: distinguishes tentions w/ different parameter
types
inputs to functions stored in:
edi, esi, edv, ecx, rrd, rad, and then stack
Stack low man wemby
high main fixt data heap stack
rthaddr trsp vip= instruction points
t The state of the
g rtnaddr
ALIGNMENT
LOW All Stack frames are 166 alignes
EX Program 2:
July & P, y.rsp
can -zigieplT
adda. AR. J. VCB

```
Control Flow
                                     (SUBTraut)
 1. Sigurnial execution
                              cmp = compare
 2. Vnconditional jump
                            Condition vode req
      ex: ret
                               has a bunch of trags
 3. Unditional jump
                                    2f = 7600
EX Program 3:
                                    SF = sign
                                    of = ownMow
 . LFBO
                                   cf = carry
      (mp)
               Yedr, yesi
               . 13 if (c==b) jl . LE if (b \angle c)
       je
       movl
              1. Wi, yeax
      ret
                             return b
· 13
            Y. edi, YLAK
      moVI
      Vet
                            return a
EX Program 4:
      CMpl /- esi, Yedi
      mov! $0, 1.1ax
      LMOVge Fedi, Year
                             mowit greater than
My new life moto: "Your intrition will tell you
 something and you intition is wrong."
                 - Milhau Smith
```

