Stack frame of Overflow function in Stack Smashing Program

rbP0

arr[3] = 5

arr[0] = 12

arr[1] = 10

arr[2] = 18

(IP of virus function)

0x0000555555555125

df

**Overflow**()

rip(main)

rbP1

rsP3

rsP2

rsP1

rsP0

rbP1

rbP0