(gdb) bt

#0 putMSDigit (outVal=10) at intprint.c:7

#1 0x000000000040055e in putMSDigit (outVal=165) at intprint.c:6

#2 0x000000000040055e in putMSDigit (outVal=2651) at intprint.c:6

#3 0x000000000040055e in putMSDigit (outVal=42423) at intprint.c:6

#4 0x00000000004005a1 in main () at intprint.c:12

(gdb) x/24xg $sp << I've rearranged the printout...

0X00000000004005a1 << return address in main()

0x7fffffffe000: 0x00007fffffffe010

0x0000000000400440

0x7fffffffdff0: 0x00000000004005b0

0x000000000000a5b7 << value of arg (1st call)

0x7fffffffdfe0: 0x0000000000000000

0x000000000040055e << return address in putMSDigit

0x7fffffffdfd0: 0x00007fffffffe000

0x0000000000000001

0x7fffffffdfc0: 0x0000000000000076

0x0000000000000a5b << value of arg (2nd call)

0x7fffffffdfb0: 0x0000000000000009

0x000000000040055e << return address in putMSDigit

0x7fffffffdfa0: 0x00007fffffffdfd0

0x00000000000000c2

0x7fffffffdf90: 0x00007fffffffdfc0

0x00000000000000a5 << value of arg (3rd call)

0x7fffffffdf80: 0x0000000000000000

0x000000000040055e << return address in putMSDigit

0x7fffffffdf70: 0x00007fffffffdfa0 **<< bp current value**

0x00007ffff7a4ff08

0x7fffffffdf60: 0x00000000ffffffff

0x000000000000000a << value of arg (4th call)

0x7fffffffdf50: 0x00000000f63d4e2e **<< sp current value**