

Sorry for the terrible color formatting, I was trying to match the example on the course website.

Return Address

Saved Frame Pointer (ebp)

Local Variable

Function Argument

main()

freshman()

sophomore()

junior()

senior()

0xffffd964:	0x00000100	0x00000040	0x565561fc	0x00000000
0xffffd974:	0x00000000	0x00000000	0x00007530	0xffffd9b8
0xffffd984:	0x56556252	0x000007dc	0x00000002	0x00000000
0xffffd994:	0x00000000	0x00000000	0xffffd9da	0x6f630009
0xffffd9a4:	0x72616775	0x00000073	0x75ae5300	0x00000000
0xffffd9b4:	0x00000000	0xffffd9e8	0x5655629d	0x000007dc
0xffffd9c4:	0xffffd9da	0x000000c2	0x56556278	0xffffda0a
0xffffd9d4:	0xf7fc89c	0x0008c8a0	0x75ae5300	0xf7fd000
0xffffd9e4:	0xf7fc8a0	0xffffda38	0x5655631e	0x00000025
0xffffd9f4:	0x000007dc	0x00000001	0x565562c3	0x00000000
0xffffda04:	0x00000000	0x00005034	0x65485300	0x616d616e
0xffffda14:	0x6148206e	0x00736c6e	0x00000000	0x00000000
0xffffda24:	0x00000000	0x00000000	0x75ae5300	0xf7fa2000
0xffffda34:	0xf7fe22d0	0xffffda68	0x5655637e	0x0000000c
0xffffda44:	0x00000019	0x000007dc	0x56556350	0x000007dc
0xffffda54:	0x0000000c	0x00000019	0x565563b1	0xffffda80
0xffffda64:	0x00000000	0x00000000	0xf7dd9ee5	0xf7fa2000