Stack Layout

Saved IP (&__libc_start)

Saved Frame Pointer

Local Variables <main>

Argument arg1 for <foobar>
Saved IP (&return)

Saved Frame Pointer

Local Variable 1

SIP SFP username

Stack Frame
<main>

&username

SIP

SFP

isAdmin

firstname

push / \pop

Stack Frame
<foobar>

Buffer Overflow Exploit Creation

