

Alex Zaharia					
Task 3: Tracing Some C Programs with a Debugger					
<b>layout_1.c</b>					
<b>Frame#1 - main()</b>					
<b>Variable Name</b>	<b>Value</b>	<b>Address</b>			
first	357	0x7ffffffe51c			
second	12	0x7ffffffe518			
<b>Frame#2 - function_one()</b>					
<b>Variable Name</b>	<b>Value</b>	<b>Address</b>			
input	357	0x7ffffffe4ec			
<b>layout_2.c</b>					
<b>Frame#2 - function_one()</b>					
<b>Variable Name</b>	<b>Value</b>	<b>Address</b>			
input	357	0x7ffffffe4ec			
function_one_local	357	0x7ffffffe4fc			
<b>Frame#2 - function_two()</b>					
<b>Variable Name</b>	<b>Value</b>	<b>Address</b>			
input	0	0x7ffffffe4ec			
function_one_local	0	0x7ffffffe4fc			
<b>layout_3.c</b>					
<b>Frame#2 - function_one()</b>					
<b>Variable Name</b>	<b>Value</b>	<b>Address</b>			
first	0	0x7ffffffe508			

nums[0]	0	0x7ffffffe4f0			
nums[1]	1	0x7ffffffe4f4			
nums[2]	2	0x7ffffffe4f8			
nums[3]	3	0x7ffffffe4fc			
nums[4]	4	0x7ffffffe500			
mid	10	0x7ffffffe504			
i	5	0x7ffffffe50c			
<b>layout_4.c</b>					
<b>Frame#2 - function_one()</b>					
<b>Variable Name</b>	<b>Value</b>	<b>Address</b>			
first	0	0x7ffffffe50c			
s1[0]	3	0x7ffffffe4f0			
s1[1]	5	0x7ffffffe4f1			
s1[2]	7	0x7ffffffe4f2	<b>(IN READ ONLY MEMORY --&gt; String Literal)</b>		
s2 or s2[0]	0x400600	0x7ffffffe500	3		
s2[1]	0x400601		5		
s2[2]	0x400602		7		
s2[3]	0x400603		\0		