jvanauke at data in ~/cs240/lab2-src

$ mem

&str=0x7FFF7A768CA0

&a=0x7FFF7A768C68

&b=0x7FFF7A768C6C

&x=0x7FFF7A768C80

&y=0x7FFF7A768C70

0x00007FFF7A768C80: 41 01 54 C2 09 00 00 00 30 00 00 00 00 00 00 00 A.T.....0.......

0x00007FFF7A768C90: 84 8C 76 7A FF 7F 00 00 6D 0C 40 00 00 00 00 00 ..vz...m.@.....

0x00007FFF7A768CA0: 48 65 6C 6C 6F 20 77 6F 72 6C 64 0A 00 00 00 00 Hello world.....

0x00007FFF7A768CB0: 20 0C 40 00 00 00 00 00 00 C9 99 6B 3B 89 DB 8C .@........k;...

head=0x7fd0c253d658

head->str=0x113C030

head->next=0x113C050

head->next->str=0x113C070

head->next->next=0x113C090

head->next->next->str=0x113C0B0

head->next->next->next=0x0

0x000000000113C010: 30 C0 13 01 00 00 00 00 50 C0 13 01 00 00 00 00 0.......P.......

0x000000000113C020: 00 00 00 00 00 00 00 00 21 00 00 00 00 00 00 00 ........!.......

0x000000000113C030: 57 65 6C 63 6F 6D 65 20 00 00 00 00 00 00 00 00 Welcome ........

0x000000000113C040: 00 00 00 00 00 00 00 00 21 00 00 00 00 00 00 00 ........!.......

0x000000000113C050: 70 C0 13 01 00 00 00 00 90 C0 13 01 00 00 00 00 p...............

0x000000000113C060: 00 00 00 00 00 00 00 00 21 00 00 00 00 00 00 00 ........!.......

0x000000000113C070: 74 6F 20 00 00 00 00 00 00 00 00 00 00 00 00 00 to .............

0x000000000113C080: 00 00 00 00 00 00 00 00 21 00 00 00 00 00 00 00 ........!.......

|  |  |  |
| --- | --- | --- |
| Variable | Address | Value |
| str | 0x7FFF7A768CA0 | 48 65 6C 6C 6F 20 77 6F 72 6C 64 Hello world |
| a | 0x7FFF7A768C68 |  |
| b | 0x7FFF7A768C6C |  |
| y | 0x7FFF7A768C70 |  |
| x.a | 0x7FFF7A768C80 | 41 01 54 C2 |
| x.i | 0x7FFF7A768C84 | 09 00 00 00 |
| x.b | 0x7FFF7A768C88 | 30 00 00 00 |
| x.p | 0x7FFF7A768C8C | 00 00 00 00 |
| head | 0x7fd0c253d658 |  |
| Head ->str | 0x113C030 | 57 65 6C 63 6F 6D 65 20 Welcome |
| Head->next | 0x113C050 | 70 C0 13 01 00 00 00 00 |
| Head->next->str | 0x113C070 | 74 6F 20 00 00 00 00 00 to |
| Head->next->next | 0x113C090 |  |
| Head->next->next->str | 0x113C0B0 |  |
| Head->next->next->next | 0x0 |  |