

```
$ gcc args.c -o args
$ ./args "Hello " "CSE29"
Argv: 0x7ffcda761c38
Arg index 0: 0x7ffcda7626e8: ./args
Arg index 1: 0x7ffcda7626ef: Hello
Arg index 2: 0x7ffcda7626f6: CSE29
a: 0x7ffe600146ef, b: 0x7ffe600146f6
result: 0x7ffe600130d0
Hello CSE29
```

0x.1.10

```
1 #include <string.h>
2 #include <stdio.h>
3
4 // Takes two double arrays a and b, and changes result to have the
5 // appended array of a and b stored in it
6
7 // ASSUMES that result has enough space
8 void append(double a[], double b[], double result[]) {
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26 }
27
28 void print_list(double lst[], int howmany) {
29     for(int i = 0; i < howmany; i += 1) {
30         printf("%f ", lst[i]);
31     }
32     printf("\n");
33 }
34
35
36 int main() {
37     double n1[] = { 4.0, 5.0, 6.0 };
38     double n2[] = { 0.7, 0.3, 0.1, 0.8 };
39     double result[7];
40
41     append(n1, n2, result);
42
43     print_list(n1, 3);
44     print_list(n2, 4);
45 }
```

Variable/Role	Address	Data							
		0/8	1/9	2/A	3/B	4/C	5/D	6/E	7/F
	0x...88								
	0x...90								
	0x...98								
	0x...A0								
	0x...A8								
	0x...B0								
	0x...B8								
	0x...C0								
	0x...C8								
	0x...D0								
	0x...D8								
	0x...E0								
	0x...E8								
	0x...F0								
	0x...F8								
	0x...00								
	0x...08								
	0x...10								
	0x...18								
	0x...20								
	0x...28								
	0x...30								
	0x...38								
	0x...40								
	0x...48								
	0x...50								
	0x...58								
	0x...60								
	0x...68								
	0x...70								
	0x...78								
	0x...80								