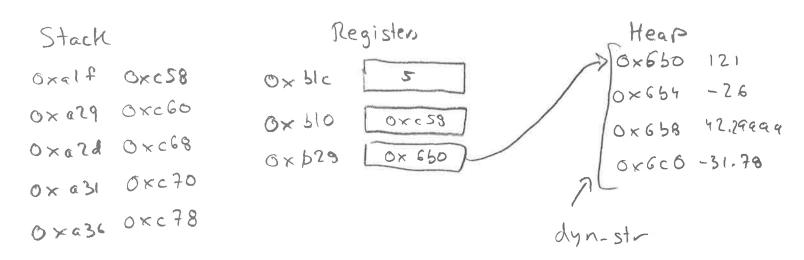
```
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- Mappins the print
- Statements to the
output statements
     #include <stdio.h>
     #include <stdlib.h>
     typedef struct prob_struct{
       unsigned int the_uint;
       int the_int;
       float the_float;
       double the_double;
     }prob_struct;
                         argc = 5
     int main( const int argc, const char* argv[] ){
   fprintf( stdout, "%p %d\n", &argc, argc );
   fprintf( stdout, "%p %p\n", &argv, argv );
       int iter;
                                                   agg = 1 = 1 (3)
       for( iter = 0; iter < argc; ++iter ){</pre>
         fprintf( stdout, "%p %p %s\n", &argv[iter], argv[iter], argv[iter]
      prob_struct static_str = { (unsigned int) atoi(argv[1]), atoi(argv[2]), (float)atof(argv[3]), atof(argv[4]) };
      fprintf( stdout, "%p\n", &static_str );
    fprintf( stdout, "%p %u\n", &static_str.the_uint, static_str.the_uint );
   fprintf( stdout, "%p %d\n", &static_str.the_int, static_str.the int );
      fprintf(\ stdout,\ "%p\ %f\n",\ \&static\_str.the\_float,\ static\_str.the\_float);
    fprintf( stdout, "%p %f\n", &static_str.the_double, static_str.the_double );
      prob_struct* dyn_str = (prob_struct*)malloc( sizeof(prob_struct) );
      dyn_str->the_uint = (unsigned int) atoi(argv[1]);
      dyn_str->the_int = atoi(argv[2]);
      dyn_str->the_float = (float)atof(argv[3]);
      dyn_str->the_double = atof(argv[4]);
   13 fprintf( stdout, "%p %p\n", &dyn_str, dyn_str );
   fprintf( stdout, "%p %u\n", &dyn_str->the_uint, dyn_str->the_uint );
     fprintf( stdout, "%p %d\n", &dyn_str->the_int, dyn_str->the_int );
      fprintf( stdout, "%p %f\n", &dyn_str->the_float, dyn_str->the_float );
      fprintf(\ stdout,\ "%p\ %f\n",\ \&dyn\_str->the\_double,\ dyn\_str->the\_double\ );
      free(dyn_str);
      return EXIT_SUCCESS;
    Output: from ./mem_map 121 -26 42.3 -31.78 @ Stepl: Count the input argument
() 0x7ffca3cf9b1c 5
(5) 0x7ffca3cf9b10 0x7ffca3cf9c58
 @ 0x7ffca3cf9c58 0x7ffca3cfba1f ./mem_map
 9)0x7ffca3cf9c60 0x7ffca3cfba29 121
  0x7ffca3cf9c68 0x7ffca3cfba2d -26
 6)0x7ffca3cf9c70 0x7ffca3cfba31 42.3
  @)0x7ffca3cf9c78 0x7ffca3cfba36 -31.78
 (9) 0x7ffca3cf9b30
 (4) 0x7ffca3cf9b30 121
 00x7ffca3cf9b34 -26
 ₹ 0x7ffca3cf9b38 42.299999
 7 0x7ffca3cf9b40 -31.780000
0x7ffca3cf9b28 0x5605f46866b0
(4) 0x5605f46866b0 121
( 0x5605f46866b4 -26
0x5605f46866b8 42.299999
7 7 0x5605f46866c0 -31.780000
```



```
Oxalf ./mem-map 10

Oxa24 .26 10

Oxa21 42.3 10

Oxa31 42.3 10

Oxa36 -31.78 10

Yargy value
```

0x536 121 0x534 -26 -> Static-str 0x538 42.29999 0x540 -31.78