Given the following C code and output run, draw the corresponding memory map

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
typedef struct new struct{
  int the_int;
  float the float;
  double the double;
}new_struct;
int main( const int argc, const char* argv[] ){
  new_struct static_str = {
    atoi(argv[1]),
    (float)atof(argv[2]),
    atof(argv[3])
  };
  fprintf(stdout, "%p\n", &static_str );
  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 %lf\n", &static_str.the_double, static_str.the_double );
       // Step 4: Dynamically Allocate a NEW STRUCT
  new_struct* dynamic_str = (new_struct *)malloc( sizeof(new_struct) );
       // Step 6: De-reference and set values for the int, long unsigned int, and float
  dynamic_str->the_int = atoi( argv[4] );
  dynamic_str->the_float = (float)atof( argv[5] );
  dynamic_str->the_double = atof( argv[6] );
  fprintf( stdout, "%p %p\n", &dynamic_str, dynamic_str );
  fprintf( stdout, "%p %d\n", &dynamic_str->the_int, dynamic_str->the_int );
  fprintf( stdout, "%p %f\n", &dynamic_str->the_float, dynamic_str->the_float );
  fprintf( stdout, "%p %lf\n", &dynamic str->the double, dynamic str->the double );
  free( dynamic str );
  return EXIT_SUCCESS;
};
Output: from ./structs 10 13.2 14.1 9 47.7 -23.6
0x7ffd61bb1e70
0x7ffd61bb1e70 10
0x7ffd61bb1e74 13.200000
0x7ffd61bb1e78 14.100000
0x7ffd61bb1e68 0x5565663a46b0
0x5565663a46b0 9
0x5565663a46b4 47.700001
0x5565663a46b8 -23.600000
```