

```
1  #include <iostream>
2
3  int main() {
4      // Declare and assign values to double variables
5      double var1 = 3.14;
6      double var2 = 2.718;
7      double var3 = 1.414;
8      double var4 = 0.577;
9      double var5 = 1.618;
10
11     // Display Memory Map
12     std::cout << "Memory Map" << std::endl;
13     std::cout << "Name\tAddress\t\tData" << std::endl;
14     std::cout << "var1\t" << &var1 << "\t" << var1 << std::endl;
15     std::cout << "var2\t" << &var2 << "\t" << var2 << std::endl;
16     std::cout << "var3\t" << &var3 << "\t" << var3 << std::endl;
17     std::cout << "var4\t" << &var4 << "\t" << var4 << std::endl;
18     std::cout << "var5\t" << &var5 << "\t" << var5 << std::endl;
19
20     return 0;
21 }
22
```

PROBLEMS OUTPUT **DEBUG CONSOLE** TERMINAL PORTS GITLENS

Filter (e.g. text, !exclude)

Loaded '/usr/lib/system/libdwfltd.dylib'. Symbols loaded.

Loaded '/usr/lib/system/libxpc.dylib'. Symbols loaded.

Loaded '/usr/lib/libobjc.A.dylib'. Symbols loaded.

Loaded '/usr/lib/liboah.dylib'. Symbols loaded.

=thread-selected,id="1"

Memory Map

Name	Address	Data
var1	0x16fdff240	3.14
var2	0x16fdff238	2.718
var3	0x16fdff230	1.414
var4	0x16fdff228	0.577
var5	0x16fdff220	1.618

The program '/Users/deomwala/Desktop/Classes/Cprogramming/Tutorial4' has exited with code 0 (0x00000000).