```
#include <iostream>
  Main memory
                    using namespace std;
      Stack
                    int main(){
                      int x = 10;
       main
                      int* p = NULL;
        5
X
                      p = &x;
       NULL
p
                      *p = 5;
                      p = new int;
                      *p = 20;
                      cout << "Value at p: " << *p << endl;
                      cout << "Value of x: " << x << endl;</pre>
       Heap
   Const + Global
                      delete p;
                      p = NULL;
                      return 0;
       Code
```