

```
1: // Copyright 2020 Michael Zogin
2: #include "ED.h"
3: #include <SFML/System.hpp>
4: #include <fstream>
5: #include <string>
6:
7: int main(int argc, char* argv[]) {
8:     sf::Clock clock; // starts automatically
9:     // sf::Time t;
10:
11:     auto getTime = [&](sf::Clock c){ sf::Time t = clock.getElapsedTime();
12:         return t.asSeconds();
13:     };
14:
15:     string string1, string2;
16:     std::cin >> string1 >> string2; // read the two strings and make the obj
17:
18:     ED ed(string1, string2);
19:
20:     int dist = ed.OptDistance();
21:
22:     string alignment = ed.Alignment();
23:
24:     std::cout << "Edit distance: " << dist << "\n";
25:
26:     std::cout << alignment;
27:
28:     // t = clock.getElapsedTime();
29:
30:     std::cout << "Execution time: " << getTime(clock) << " seconds \n";
31:     return 0;
32: }
```