

```

1  /*
2   Chamath Wijesekera
3   ME101 - Assignment 1-2
4   */
5
6   #include <iostream>
7   #include <cmath>
8   #include <cstdlib>
9
10  using namespace std;
11
12  int main()
13  {
14      const float KM_CONV = 1.852;
15      const float CABLE_CONV = 10;
16
17      cout << "Provide a Value in Nautical Miles: ";
18      double nautMiles = 0;
19      cin >> nautMiles;
20
21      cout << nautMiles << " Nautical Miles is..." << endl;
22      cout << nautMiles * KM_CONV << " Kilometers" << endl;
23      cout << nautMiles * CABLE_CONV << " Cable Lengths" << endl;
24
25      system("PAUSE");
26      return EXIT_SUCCESS;
27  }
28
29  /*
30  Provide a Value in Nautical Miles: 5
31  5 Nautical Miles is...
32  9.26 Kilometers
33  50 Cable Lengths
34  Press any key to continue . . .
35  */
36

```