

```
1 //
2 //  main.cpp
3 //  A3_COSC_1437_014
4 //
5 //  Created by Nicholas Brown on 2/3/25.
6 //
7
8 #include <iostream>
9 #include <string>
10 using namespace std;
11
12
13 string toMorse( const char* morse[], const char* characters[], const int SIZE, const string& input);
14
15
16 int main() {
17
18     const int SIZE = 40;
19
20     const char* morse[SIZE] = {"space","--..--",".-.-.-",".-.-.-.",
21     ".-","-...","-.-.", "-..", ".", "-.-.", "--.", "...", ".-.-",
22     "-.-", "-...","--", "-.", "--.", "-.-.", "--.-", "-.", "...", "-.",
23     ".-.-", "...-", "-.-", "-.-.", "-.-.", "-.-.", "-----", ".-----", ".-.-.-",
24     "...--", "...-.", ".....", "-.....", "-.-.-.", "--.-.", "-----."
25 };
26
27     const char* characters[SIZE] = {" ", ",", ".", "?",
28     "A", "B", "C", "D", "E", "F", "G", "H", "I", "J",
29     "K", "L", "M", "N", "O", "P", "Q", "R", "S", "T",
30     "U", "V", "W", "X", "Y", "Z", "0", "1", "2", "3",
31     "4", "5", "6", "7", "8", "9"
32 };
33     cout << "Please enter a string: " << endl;
34     string input;
35
36     getline(cin, input); // Read the entire input string (tolerates spaces)
37     cout << "Translation: " << endl;
38     cout << toMorse(morse, characters, SIZE, input) << endl;
```

Please enter a string:  
My birthday is on october 23.  
Translation:  
-- -.- space -... .. .- - .... -.. -.- space .. ... space --- -. space --- -.-. - --- -... .. .-.  
space ..--- ....- .-.-.  
Program ended with exit code: 0

Auto 

Filter

Filter

```
1 //
2 //  main.cpp
3 //  A3_COSC_1437_014
4 //
5 //  Created by Nicholas Brown on 2/3/25.
6 //
7
8 #include <iostream>
9 #include <string>
10 using namespace std;
11
12
13 string toMorse( const char* morse[], const char* characters[], const int SIZE, const string& input);
14
15
16 int main() {
17
18     const int SIZE = 40;
19
20     const char* morse[SIZE] = {"space","--..--",".-.-.-",".-.--..",
21     ".-","-...","-.-.", "-..", ".", ".-.", "--.", "...", "..", ".---",
22     "-.-", "-...","--", "-.", "---", "-.-.", "--.-", "-.", "...", "-",
23     ".-.", "...-", "-.-", "-.-.", "-.-.", "-.-.", "-----", ".-----", ".-.-.-",
24     "...--", "...-.", ".....", "-.....", "-.-.-.", "-.-.-.", "-----,"
25 };
26
27     const char* characters[SIZE] = {" ", ",", ".", "?",
28     "A", "B", "C", "D", "E", "F", "G", "H", "I", "J",
29     "K", "L", "M", "N", "O", "P", "Q", "R", "S", "T",
30     "U", "V", "W", "X", "Y", "Z", "0", "1", "2", "3",
31     "4", "5", "6", "7", "8", "9"
32 };
33     cout << "Please enter a string: " << endl;
34     string input;
35
36     getline(cin, input); // Read the entire input string (tolerates spaces)
37     cout << "Translation: " << endl;
38     cout << toMorse(morse, characters, SIZE, input) << endl;
```

Please enter a string:  
I hope that this works?  
Translation:  
.. space .... --- .--. . space - .... .- - space - .... .. ... space .-- --- .-. -.- ... ..--..  
Program ended with exit code: 0