

C++ Course
Assignment 3

Exercise 10

Problem statement. Create a program producing a multiplication table.
Solution.

```
1  #include <iostream>
2
3  // INPUT integer as command line argument
4  // OUTPUT multiplication table for given number
5
6  int main(int argc, char* argv[])
7  {
8      size_t num = std::stoi(argv[1]);
9
10     for (size_t factor = 1; factor != 11; ++factor)
11
12         std::cout
13             << factor
14             << " * "
15             << num
16             << " = "
17             << factor * num
18             << "\n";
19 }
```