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Exercise 10.
For this exercise we need to construct a program creating a multiplication table.

```
#include <iostream>
#include <string>


using namespace std;

int main (int argc, char **argv){
    int value = stoi(string(argv[1]));
    for (int n = 1; n <= 10; ++n) {
    cout << value << " * " << n << " = "
    << value * n << '\n';
    }

}
```

Exercise 2 on next page

Exercise 2.
Design a program showing all combinations of all the program's command line arguments.

```
#include <iostream>
#include <math.h>
using namespace std;

int main (int argc, char **argv)
{
    //Define count as number of combinations needed
    int count = pow(2, argc - 1);
    //Iterate over steps
    for(int step = 0; step != count; step++)
    {
        //Print step number
        cout << step + 1 << ": ";
        //Iterate over every argument
        for(int argument = 0; argument != argc;
        argument++)
        {
            //Assign bit to argument
            int bitnum = pow(2,argument);
            //Check if argument is part of this
            particular combination
            if((bitnum & step) != 0)
            {
                //If true, print argument in line
                cout << argv[argument + 1] << " ";
            }
        }
        //Go to next step
        cout << "\n";
    }
}
```