

C++ code 4.1.12: Print a table of the error norms. → [GitLab](#)

```
2 void tabulateMehrstellenError() {
3     std::vector<double> errs;
4     std::vector<unsigned int> Ms = {5, 10, 20, 40, 80, 160};
5     // Fill the errs vector with the errors at the different mesh
       resolutions
6     for (unsigned int M : Ms) {
7         errs.push_back(compgriderr(M));
8     }
9     // Print the collected data out in a table
10    std::cout << "| M      | h          | error          |\n";
11    std::cout << "-----|\n";
12    for (int i = 0; i < Ms.size(); ++i) {
13        const unsigned int M = Ms[i];
14        const double h = 1. / (M + 1);
15        const double err = errs[i];
16        std::cout << "| " << std::setw(3) << M << " | " << std::fixed
17                  << std::setprecision(5) << h << " | " << std::scientific << err
18                  << " |\n";
19    }
20 }
```