

C++ code 9.4.16: Sub-problem (9-4.c): function `getM_full()` → [GitLab](#)

```
2 Eigen::SparseMatrix<double> getM_full(unsigned int N, double h) {
3     Eigen::SparseMatrix<double> M(N + 1, N + 1);
4     M.setIdentity(); // Supposed to be efficient
5     M *= h;
6     // Modify two entries; efficiency does not matter much
7     M.coeffRef(0, 0) = h / 2;
8     M.coeffRef(N, N) = h / 2;
9     return M;
10 }
```