

C++ code 9.2.34: Code snippet from `main()` dedicated to VTK output → [GitLab](#)

```
2 // Output results for the temperature function to vtk file
3 lf::io::VtkWriter vtk_writer(mesh_p, "discrete_temperature_sol.vtk");
4 // Write nodal data taking the values of the discrete solution at the vertices
5 auto nodal_data = lf::mesh::utils::make_CodimMeshDataSet<double>(mesh_p, 2);
6 for (int global_idx = 0; global_idx < N_dofs; global_idx++) {
7     nodal_data->operator()(dofh.Entity(global_idx)) =
8         discrete_temperature_sol[global_idx];
9 };
10 vtk_writer.WritePointData("discrete_temperature_sol", *nodal_data);
```