

C++ code 0.1.3: Code running test based on GoogleTest framework → [GITHUB](#)

```
2  TEST(NumPDESetup, dummyFunction) {  
3      double x = 1.0;  
4      int n = 2;  
5      // Invoke the function to be tested  
6      Eigen::Vector2d v = NumPDESetup::dummyFunction(x, n);  
7      // The expected solution  
8      Eigen::Vector2d v_ref = {1.0, 1.0};  
9      // Check whether function call produces correct result using the  
      Google test  
10     // framework  
11     double tol = 1.0e-8;  
12     ASSERT_NEAR(0.0, (v - v_ref).lpNorm<Eigen::Infinity>(), tol);  
13 }
```