

C++ code 0.1.5: Code running test based on GoogleTest framework → [GitLab](#)

```
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  
10     Google test  
11     // framework  
12     double tol = 1.0e-8;  
13     ASSERT_NEAR(0.0, (v - v_ref).lpNorm(Eigen::Infinity >()), tol);  
}
```