


# The TMaricle document class

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## 1 Code Listings

 A test C++ program

```
1 void main(int argc) {  
2     // a test function with comment  
3     std::cout << "a string!" << std::endl;  
4     return 0;  
5 }
```

Listing 1: testcode.cpp

## 2 Tables and Figures

$N$	Result	Absolute error	Time [sec]
5	0.1734	0.0193	0.0011
10	0.1864	0.0063	0.0675
15	0.1897	0.0030	0.8190

Table 1: This is a caption!

## 3 Warnings and bulletins



#### Test Warning

This is a test, it has nothing to do with anything what-so-ever. I am only typing to you here in a stream of consciousness type of style to fill something in. Since you are still reading this, have you read Virginia Woolf?



#### Test Normal



#### Test Critical

## 4 Proclamations

### Theorem 4.1 (Euclid).

This is a test proclamation with a lot of mathematics like  $x^2 = 7$  and  $i^2 = -1$ .

$$f(x) = x \int_2^7 g(x) dx.$$

*Proof.* It is easy to show the above since it follows from already proven results.  $\square$

### Lemma 4.2 (TestLemma).

Please ignore.

### Proposition 4.3 (Euclid).

This is a test proclamation with a lot of mathematics like  $x^2 = 7$  and  $i^2 = -1$ .

$$f(x) = x \int_2^7 g(x) dx.$$

### Corollary 4.4 (Euclid 2).

Please ignore.

## 5 Colors