



# An Example of Using hustbeamer $\text{\LaTeX}$ Template

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# Contents

1. Simple Test

2. Other Test



# Simple Test

## 1. Simple Test

## 2. Other Test



# Simple Test

First, simple test.



# Simple Test

## Font

### 1. Simple Test

#### 1.1 Font

#### 1.2 Equation

#### 1.3 List Environment



# Simple Test

## Font

Normal **Bold** Italic Sans



# Simple Test

## Font

Normal **Bold** *Italic* Sans

The quick brown fox jumps over the lazy dog.



# Simple Test

## Equation

### 1. Simple Test

#### 1.1 Font

#### 1.2 Equation

#### 1.3 List Environment





# Simple Test

## Equation

Single equation, see 2.1.

$$c^2 = a^2 + b^2 \tag{2.1}$$



# Simple Test

## Equation

Single equation, see 2.1.

$$c^2 = a^2 + b^2 \quad (2.1)$$

Multi-equations, see 2.2a and 2.2b.

$$F = ma \quad (2.2a)$$



# Simple Test

## Equation

Single equation, see 2.1.

$$c^2 = a^2 + b^2 \quad (2.1)$$

Multi-equations, see 2.2a and 2.2b.

$$F = ma \quad (2.2a)$$

$$E = mc^2 \quad (2.2b)$$



# Simple Test

## List Environment

### 1. Simple Test

#### 1.1 Font

#### 1.2 Equation

#### 1.3 List Environment



# Simple Test

## List Environment - enumerate

### 1. Level 1



# Simple Test

## List Environment - enumerate

1. Level 1
2. Level 1



# Simple Test

## List Environment - enumerate

1. Level 1
2. Level 1
  - 2.1 Level 2



# Simple Test

## List Environment - enumerate

1. Level 1
2. Level 1
  - 2.1 Level 2
  - 2.2 Level 2





# Simple Test

## List Environment - enumerate

1. Level 1
2. Level 1
  - 2.1 Level 2
  - 2.2 Level 2
    - 2.2.1 Level 3



# Simple Test

## List Environment - enumerate

1. Level 1
2. Level 1
  - 2.1 Level 2
  - 2.2 Level 2
    - 2.2.1 Level 3
    - 2.2.2 Level 3



# Simple Test

## List Environment - itemize

- Level 1



# Simple Test

## List Environment - itemize

- Level 1
- Level 1



# Simple Test

## List Environment - itemize

- Level 1
- Level 1
  - Level 2



# Simple Test

## List Environment - itemize

- Level 1
- Level 1
  - Level 2
  - Level 2



# Simple Test

## List Environment - itemize

- Level 1
- Level 1
  - Level 2
  - Level 2
    - Level 3



# Simple Test

## List Environment - itemize

- Level 1
- Level 1
  - Level 2
  - Level 2
    - Level 3
    - Level 3





# Simple Test

## List Environment - description

Discription 1 Content 1



# Simple Test

## List Environment - description

Discription 1 Content 1

Discription 2 Content 2



# Simple Test

## List Environment - description

Description 1 Content 1

Description 2 Content 2

Description 3 Content 3



# Other Test

1. Simple Test

2. Other Test



# Other Test

Now here're some other tests.



# Other Test

## Code Highlight

## 2. Other Test

### 2.1 Code Highlight

### 2.2 Theorem

### 2.3 Algorithm



# Other Test

## Code Highlight

---

```
1 import os
2
3 def main():
4     '''
5     doc here
6     '''
7     print 'hello, world' # Abc
```

---



# Other Test

## Theorem

## 2. Other Test

### 2.1 Code Highlight

### 2.2 Theorem

### 2.3 Algorithm





# Other Test

## Theorem

**Definition 3.1.** This is a definition.

**Proposition 3.1.** This is a proposition.

**Axiom 3.1.** This is an axiom.

**Lemma 3.1.** This is a lemma.

**Theorem 3.1.** This is a theorem.

**Proof.** This is a proof.



# Other Test

## Algorithm

## 2. Other Test

2.1 Code Highlight

2.2 Theorem

2.3 Algorithm



# Other Test

## Algorithm

---

### Algorithm 3.1: How to write algorithms

---

**Data:** this text

**Result:** how to write algorithm with  $\text{\LaTeX}$ 2e

```
1 initialization;
2 while not at end of this document do
3   read current;
4   if understand then
5     go to next section;
6     current section becomes this one;
7   else
8     go back to the beginning of current section;
9   end
10 end
```

---