

## 1 Headings

## 2 Section

### 2.1 SubSection

#### 2.1.1 SubSubSection

#### Paragraph

#### Subparagraph

## 3 Ordered list

1. Item 1
2. Item 2
3. Item 3

## 4 Unordered list

- Item
- Item
- Item

## 5 Math

Inline code such as  $\int_a^b f(x)dx$  and also block level one

$$g(x) = \begin{cases} \frac{\partial}{\partial x} f(x) \\ \int_a^b f(x)dx \end{cases}$$

## 6 Code block

```
1 #include "iostream"
2 #include <stdio.h>
3
4 void foo(const char* target) {
5     std::cout << target << std::endl;
6 }
7
8 int main () {
9     int x = 420;
```



Figure 1: Dragon

```
10 float y = 6.9f;  
11 const char* str = "Hello World";  
12  
13 printf("%d\n", x);  
14 printf("%2.1f\n", y);  
15  
16 foo(str);  
17  
18 return 0;  
19 }
```

## 7 Text formatting

- *italic*
- **Bold**

## 8 Images