The Chinese University of Hong Kong, Shenzhen

Course Code

Course Name

Your Title

Author: Your Name
Student ID: Your Student ID

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1 Part 1

This is an example code listing:

```python
print("Hello World!")
```

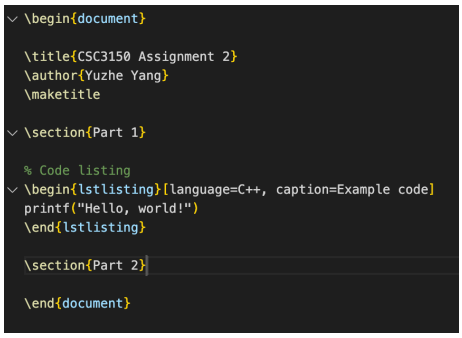
Listing 1: Example Python code

1.1 Subsection 1

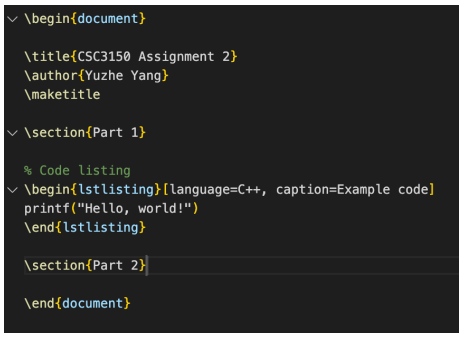
This is a subsection.

Figure 1: Example image

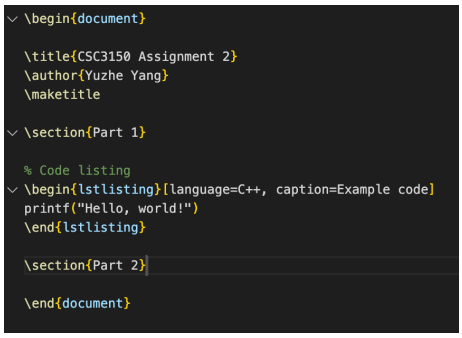
1.2 Subsection 2



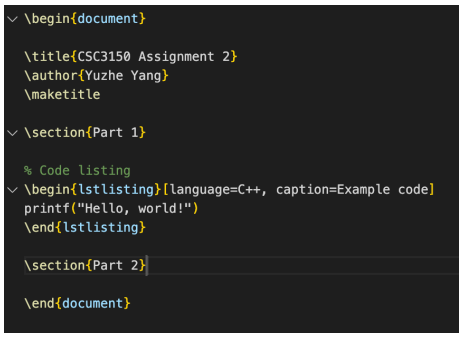
(a) Caption for Image 1



(b) Caption for Image 2



(c) Caption for Image 3



(d) Caption for Image 4

Figure 2: Example of the 2x2 Image Grid

2 Part 2

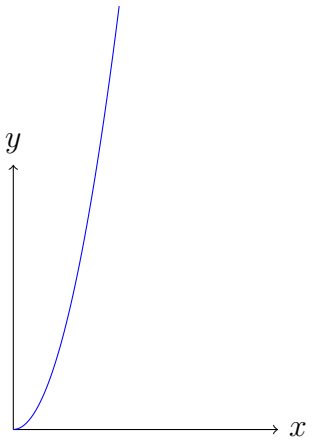
This is an example of an inline equation: $f(x) = x^2$.
This is an example of a displayed equation:

$$f_1(x) = x^2 \tag{1}$$
$$f_2(x, y) = f_1^2(x) + y^3 \tag{2}$$

The sum of A and B is:

$$A + B = \begin{bmatrix} 1+9 & 2+8 & 3+7 \\ 4+6 & 5+5 & 6+4 \\ 7+3 & 8+2 & 9+1 \end{bmatrix} = \begin{bmatrix} 10 & 10 & 10 \\ 10 & 10 & 10 \\ 10 & 10 & 10 \end{bmatrix}$$

This is an example graph:



$y = x^2$

3 Part 3

Column 1	Column 2	Column 3
Row 1, Column 1	Row 1, Column 2	Row 1, Column 3
Row 2, Column 1	Row 2, Column 2	Row 2, Column 3
Row 3, Column 1	Row 3, Column 2	Row 3, Column 3

Table 1: Example table

```
#include <stdio.h>

int main() {
    printf("Hello, world!\n");
    return 0;
}
```

Listing 2: Example C++ code