

THE CHINESE UNIVERSITY OF HONG KONG, SHENZHEN

COURSE CODE

COURSE NAME

Your Title

Author: Your Name
Student ID: Your Student ID

October 23, 2023

Contents

1	Part 1	2
	1.1 Subsection 1	2
	1.2 Subsection 2	2
2	Part 2	3
3	Part 3	3
	3.1 Program Framework	3

1 Part 1

This is an example code listing:

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

Listing 1: Example Python code

1.1 Subsection 1

This is a subsection.

```
\begin{document}
  \title{CSC3150 Assignment 2}
  \author{Yuzhe Yang}
  \maketitle
  \section{Part 1}
  % Code listing
  \begin{lstlisting}[language=C++, caption=Example code]
  printf("Hello, world!")
  \end{lstlisting}
  \section{Part 2}
\end{document}
```

Figure 1: Example image

1.2 Subsection 2

```
\begin{document}
  \title{CSC3150 Assignment 2}
  \author{Yuzhe Yang}
  \maketitle
  \section{Part 1}
  % Code listing
  \begin{lstlisting}[language=C++, caption=Example code]
  printf("Hello, world!")
  \end{lstlisting}
  \section{Part 2}
\end{document}
```

(a) Caption for Image 1

```
\begin{document}
  \title{CSC3150 Assignment 2}
  \author{Yuzhe Yang}
  \maketitle
  \section{Part 1}
  % Code listing
  \begin{lstlisting}[language=C++, caption=Example code]
  printf("Hello, world!")
  \end{lstlisting}
  \section{Part 2}
\end{document}
```

(b) Caption for Image 2

```
\begin{document}
  \title{CSC3150 Assignment 2}
  \author{Yuzhe Yang}
  \maketitle
  \section{Part 1}
  % Code listing
  \begin{lstlisting}[language=C++, caption=Example code]
  printf("Hello, world!")
  \end{lstlisting}
  \section{Part 2}
\end{document}
```

(c) Caption for Image 3

```
\begin{document}
  \title{CSC3150 Assignment 2}
  \author{Yuzhe Yang}
  \maketitle
  \section{Part 1}
  % Code listing
  \begin{lstlisting}[language=C++, caption=Example code]
  printf("Hello, world!")
  \end{lstlisting}
  \section{Part 2}
\end{document}
```

(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:

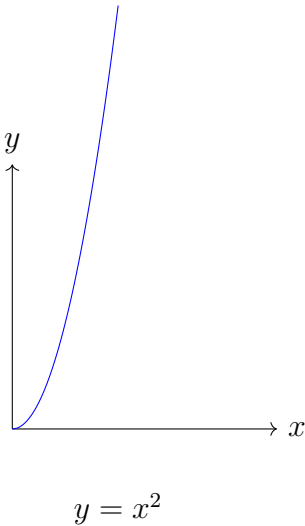
$$f_1(x) = x^2$$
$$f_2(x,y) = f_1^2(x) + y^3$$

(1)
(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:



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

3.1 **Program Framework**

This is an example graph of program framework:

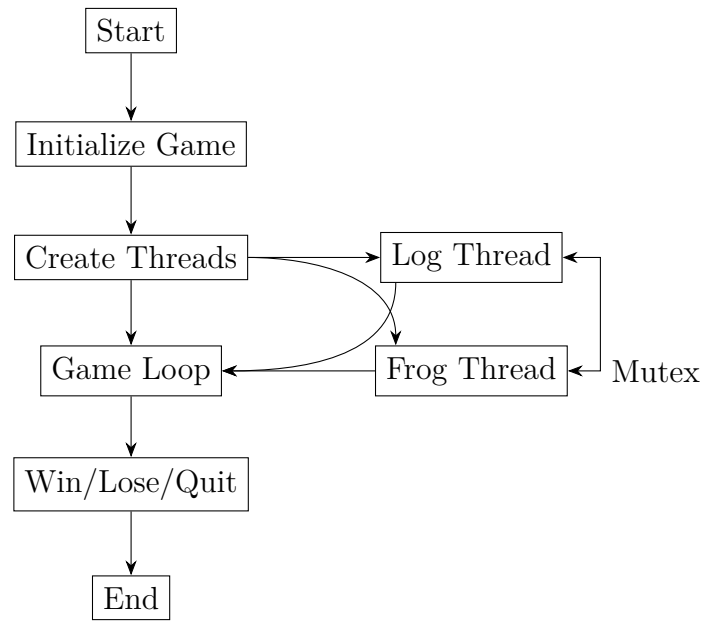


Figure 3: Program Framework