

Homework 1

Zhengyi Chen

May 7, 2025

Abstract

1

2

3

3.1

```
1 def example_function(param1, param2):
2     """
3
4     """
5     #
6     result = 0
7
8     #
9     for i in range(param1):
10         result += param2
11
12     return result
```

Listing 1:

3.2

1. ...

2. ...

3. ...

4

4.1

Table 1:

1	1	1
2	2	2
3	3	3

4.2

Figure 1:

5

-
-
-

6

A

```
1 #
2 import numpy as np
3 import matplotlib.pyplot as plt
4
5 #
6 def main():
7     #
8     pass
9
10 if __name__ == "__main__":
11     main()
```

Listing 2: