Homework 1

Problem 1

Answer to the problem goes

1. Problem 1 part 1 answer here.

2. Problem 1 parer here.

   Here is an examplcs in LaTeX

$$X(m,n) = \left\{ \begin{array}{ll} x(n), & \text{for } 0 \leq n \leq 1 \\ \frac{x(n-1)}{2}, & \text{for } 0 \leq n \leq 1 \\ \log_2 \lceil n \rceil & \text{for } 0 \leq n \leq 1 \end{array} \right\} = xy$$

3. Problem 1 part 3 answer here.

   Here is an example of how you can typeset algorithms. There are many packages to do this in LaTeX.

Algorithm 1: Caption for code

```
from package import Class # Mesh required for..

cinstance = Class.from_obj('class.obj')
cinstance.go

def hello():
    print(" ")
```

4. Problem 1 part 4 answer here.

5. Problem Conclusion ( )

   Here is an example of how you can insert a figure.

Problem 2

Homework 1

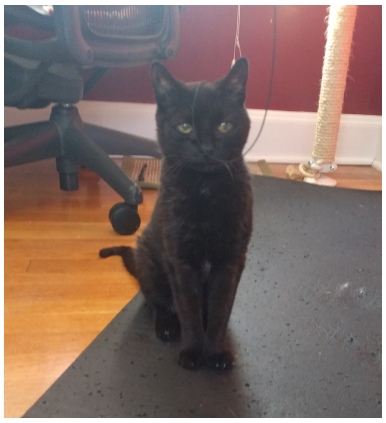

Figure 1: Heidi attacked by a string.