

# <Lecture Title>

Summer 2020

<Lecturer>

May 24, 2020

# Overview of this Lecture

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1. A section, like a chapter

# Some basic itemize

## Some Subtitle

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# An Image



Figure: This is a cat



$$x_{1,2} = -\frac{p}{2} \pm \sqrt{\left(\frac{p}{2}\right)^2 - q} \quad (1)$$

# Some Code Listing

## Manual lstlisting env



```
1 class Square():
2
3     def __init__(self, sidelength = 1):
4         self.length = sidelength
5
6     def calculate_circumference(self):
7         return 4 * self.length
8
9     def calculate_area(self):
10        return self.length**2
11
12 q = Square(sidelength=25)
13 print(q.calculate_circumference())
14 print(q.calculate_area())
```

Listing 1: A square class in Python

# Some Code Listing

## Manual Input Listing



```
1 class Square():
2
3     def __init__(self, sidelength=1):
4         self.length = sidelength
5
6     def calculate_circumference(self):
7         return 4*self.length
8
9     def calculate_area(self):
10        return self.length**2
11
12 q = Square(sidelength=25)
13 print(q.calculate_circumference())
14 print(q.calculate_area())
```

Listing 2: A square class in Python