

L^AT_EX Template

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1 Tutorial

1.1 L^AT_EX Set-Up

1.2 Commands

```
\section{}  
\subsection{}  
\subsubsection{}
```

```
\section*{}  
\subsection*{}  
\subsubsection*{}  
\subsubsubsection{}
```

```
\paragraph{}  
\subparagraph{}
```

2
Features

2.1
Tables

Header 1	Header 2	Header 3
Row 1 Col 1	Row 1 Col 2	Row 1 Col 3

Table 1:

2.2
Shortcuts

2.3
Snippets

3 Code IDE

3.1 Java

Dies ist ein `Java` code.

```
1 public class Stock {
2     private String symbol;
3     private double sharePrice;
4
5     public Stock(String sym, double price) {
6         this.symbol = sym;
7         this.sharePrice = price;
8     }
9
10    public Stock(String sym) {
11        this(sym, 0.0); // constructor chaining
12    }
13 }
```

3.2 Python

```
1 class DataAnalyzer:
2     def __init__(self, data_points):
3         self.data_points = data_points
4
5     def calculate_average(self):
6         """Calculates the average of the data points."""
7         if not self.data_points:
8             return 0
9         return sum(self.data_points) / len(self.data_points)
10
11 # Example usage
12 analyzer = DataAnalyzer([10, 20, 30, 40, 50])
13 avg = analyzer.calculate_average()
14 print(f"The average is: {avg}")
```

öajsd följäsöl **Example:**

- TEstjölaskdfjalsjfasöld
- öasldkfjölaskdjföalkdsjföadlskfj
- asödfkjaölsdf

ölaksdjfolkölas

öajsd följäsöl **Example:**

1. TEstjölaskdfjalsjfasöld
2. öasldkfjölaskdjföalkdsjföadlskfj
3. asödfkjaölsdf

ölaksdjfolkölas

3.3 Servus "Obst"

3.3.1 Griasdi

3.3.1.1 Test

4Test

Header1	Header2	Header3
Row1 Col1	Row1 Col2	Row1 Col3

Header1	Header2	Header3
Row1 Col1	Row1 Col2	Row1 Col3

Theorem 1

Lorem ipsum, ich dreh den Sack um.

Title

Lorem ipsum, ich dreh den Sack um.

Title

asldkjfaölskdjfoäjdk

Title

xcvbnm,sdajfkasdf

Title

asjfölkjasdlf

```
import numpy as np
from scipy.stats import norm

def bs_call(S0, K, r, sigma, T):
    d1 = (np.log(S0/K) + (r + 0.5*sigma**2)*T)/(sigma*np.sqrt(T))
    d2 = d1 - sigma*np.sqrt(T)
    return S0*norm.cdf(d1) - K*np.exp(-r*T)*norm.cdf(d2)
```

Title