Teknik Informatika
Institut Teknologi Sumatera

Sistem Operasi (Judul mata Kuliah)

Judul Pertemuan

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Contents

This is an example of **bold text**, *italic text*, and `monospaced text`.

Block Title

This is a normal block with some dummy text.

Alert Block

This is an **alert** block showing important information.
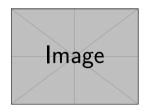
Two Column Layout Example

Left Column: Lists and Text

- First item with *italics*.
- Second item with **bold**.
- Third item with `typewriter font`.

Right Column: Table and Graphic

ID	Name	Value
1	Alpha	10
2	Beta	20
3	Gamma	30

Image

Elaborated Table Example

Table: Dummy Data Table

Category	Count	Percentage
Category A	15	37.50%
Category B	20	50.00%
Category C	5	12.50%

Contents

```python
1        # This is a sample Python function
2    def calculate_factorial(n):
3        """Calculate the factorial of a number"""
4        if n == 0 or n == 1:
5            return 1
6        else:
7            return n * calculate_factorial(n - 1)
8
9    # Example usage
10   number = 5
11   result = calculate_factorial(number)
12   print(f"Factorial of {number} is {result}")
```

- Here's a sorting algorithm implementation:

```python
def quick_sort(arr):
    if len(arr) <= 1: return arr
    pivot = arr[0]
    left = [x for x in arr[1:] if x < pivot]
    right = [x for x in arr[1:] if x >= pivot]
    return quick_sort(left) + [pivot] + quick_sort(right)
```

Inline Code in Paragraphs

Text with Code Examples

When working with Python, you can create a list using square brackets like `my_list = [1, 2, 3]` or define a dictionary with `my_dict = {"key": "value"}`.

Function definitions are straightforward: `def greet(name): return f"Hello {name}"` can be used to create simple greeting functions.

For loops are common in Python: `for i in range(5): print(i)` will print numbers from 0 to 4.

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