



INFORMATION  
TECHNOLOGY  
UNIVERSITY

## Computer Organization & Assembly Language

CS201

### Lab 02: Fundamentals

**Instructor:** Dr. John Doe

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#### Faculty Contact

john.doe@itu.edu.pk  
bscs20002@itu.edu.pk

bscs19001@itu.edu.pk  
bscs21003@itu.edu.pk

# Introduction

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Welcome to the **Data Structures** lab. This document contains all the necessary code snippets and instructions.

## Learning Outcomes

1. Understand Arrays
2. Implement Linked Lists
3. Master Binary Trees

**Note:** Make sure you have the C++ compiler installed on your system before proceeding with the examples.

## Code Example

Here is the boilerplate code for today's lab:

```
#include <iostream>
using namespace std;

int main() {
    cout << "Hello ITU!" << endl;
    return 0;
}
```

**Warning:** Do not copy-paste code blindly. Try to understand the logic first!

## Linked Lists

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Details about linked lists go here...