

## GO PROGRAMMING TRAINING

### SECTION 1 – Introduction to Go Programming

- Overview of Go Programming
- Prerequisites to learn Go Programming
- Advantages of Go Programming
- Important features of Go
- Installation and Environmental setup of Go

### SECTION 2 – Structure of Go Programming

- Overview of Go Programming
- Study about the Structure of Go Programming
- Functions and Variables
- Statements and Expressions

### SECTION 3 – Go Programming Syntax and Data Types

- Data types and its Description
- Assignments in using various Data Types
- Variable declaration in Go
- Static, Dynamic and Mixed Variable Declaration
- lvalues and rvalue in Go

### SECTION 4 – Go Programming Variables, Constants and Operators

- Overview of Variables, Constants and Operators in Go
- Types of Variables and its explanation
- Constants in Go Programming
- Integer, Floating point and String Literals in Go
- Different types of Operators and its case study

### SECTION 5 – Decision Making in Go Programming

- Structure of Decision Making in Go
- Loop Type and its Description
- Functions and its Declaration
- Scoping Rules

- Defer Keyword
- Pass by value and Reference

## SECTION 6 – Files and Directories

- Working on Files and Directories
- Reading and Writing the Files
- Handling Input Output Errors
- Study about Exception handling
- Error handling in Go Pro

## Contact Info



+91 9884412301 | +91 9884312236



Know more about [GO PROGRAMMING](#)



info@credosystemz.com



New # 30, Old # 16A, Third Main Road,  
Rajalakshmi Nagar, Velachery, Chennai  
(Opp. to MuruganKalyanaMandapam)

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