

MASTER A PROGRAMMING LANGUAGE – C

CURRICULUM

DAYS

TOPIC

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DAY 1	INTRODUCTION <ul style="list-style-type: none">• HISTORY• Why, When, What is C• Comparison with other languages• Future as well as today' C
DAY 2	<ul style="list-style-type: none">• Compiler• Source code• Byte code• Boreland , Visual C• ASCII• Installation
DAY 3	<ul style="list-style-type: none">• Setup• Basic Structure of Program• What is DataType• Types of DataTypes
DAY 4	<ul style="list-style-type: none">• Variables• Types of operators in C<ul style="list-style-type: none">✓ Arithmetic operators✓ Relational operators✓ Logical operators✓ Bitwise operators <p>QUIZ-1</p>
DAY 5	<ul style="list-style-type: none">• Format specifiers• Escape Sequence• Conditional Statements<ul style="list-style-type: none">✓ If-else Statement✓ Switch case control system
DAY 6	Loops in C <ul style="list-style-type: none">• For loop• Do while• While
DAY 7	<ul style="list-style-type: none">• Pattern Programs• Number pattern

DAY 8	<ul style="list-style-type: none"> • Type Casting • Goto Statement • Introduction to Functions in C • QUIZ-2
DAY 9	<p>Further with Functions</p> <ul style="list-style-type: none"> • Call by value • Call by reference • Recursion
DAY 10	<ul style="list-style-type: none"> • Recursion
DAY 11	<p>Arrays & types of Array</p> <ul style="list-style-type: none"> • One dimensional array • Two dimensional array
DAY 12	<ul style="list-style-type: none"> • Two dimensional array • String & its function
DAY 13	<ul style="list-style-type: none"> • Pointers
DAY 14	<ul style="list-style-type: none"> • Pointers
DAY 15	<ul style="list-style-type: none"> • Structures • Typedef • Unions
DAY 16	<ul style="list-style-type: none"> • File I/O in C
DAY 17	<p>QUIZ-3</p> <ul style="list-style-type: none"> • DMA
DAY 18	Project -1
DAY 19	Doubt Class for project 1
DAY 20	Submission of Project 1