

CPP SYLLABUS

CORE

- Syntax
- output
- Comments
- Variables
- Data types
- constants
- Booleans
- Operators
- math
- if else if else
- shorthand if else
- switch
- while loop
- for loop
- break/continue
- arrays
- strings
- user input
- recursion
- structure
- odd even
- major minor
- greater number
- positive negative
- leap year
- multiplication table
- reverse number
- swap number
- decimal to binary
- Fibonacci series
- prime number
- alphabet triangle
- matrix multiplication

FUNCTIONS

- functions
- function parameters
- function overloading
- recursion

CLASS AND OBJECTS

- class and objects
- encapsulation
- inheritance
- polymorphism

PRACTICALS

- calculator
- mark sheet

C SYLLABUS

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- Syntax
- output
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- Variables
- Data types
- constants
- Booleans
- Operators
- if else if else
- switch
- while loop
- for loop
- break/continue
- arrays
- strings
- user input
- memory address
- pointers
- functions
- parameters
- recursion
- Fibonacci series
- prime number
- alphabet triangle
- matrix multiplication
- create and read files

FILES

- create files
- read files
- write files

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