



MAIN CONCEPTS IN C++ , JAVA , PYTHON



CONCEPTS

BASIC OF LANGUAGE

CLASS AND OBJECT

METHODS AND CONSTRUCTOR

KEYWORDS

STRING MANIPULATION

ARRAY

OOPS(OBJECT-ORIENTED PROGRAMMING SYSTEM)



BASIC OF LANGUAGE

SYNTAX

DATA TYPES, VARIABLES, PACKAGES

CONTROL STATEMENT

DECISION STATEMENT

LOOPING STATEMENT



CLASS AND OBJECT

PUBLIC CLASS

PRIVATE CLASS

OBJECT



METHODS AND CONSTRUCTOR

PREDEFINED METHOD

USER-DEFINED METHOD

NO-ARG CONSTRUCTOR

PARAMETERIZED CONSTRUCTOR

DEFAULT CONSTRUCTOR



KEYWORDS

ABSTRACT, STATIC

BREAK, CONTINUE, NEW

SUPER

THIS

FINAL



STRING MANIPULATION

STRING HANDLING METHODS(UPPERCASE LOWERCAE)

IMMUTABLE STRING

STRING BUFFER &STRING BUILDER

STRING CONCATENATION,COMPARISON

SUBSTRING



ARRAY

SINGLE DIMENSIONAL ARRAY

MULTI DIMENSIONAL ARRAY



EXCEPTION HANDLING

TRY & CATCH BLOCK, FINALLY, THROW, THROWS

CHECKED EXCEPTION

UNCHECKED EXCEPTION

ERROR



OOPS

(OBJECT-ORIENTED PROGRAMMING SYSTEM)

INHERITANCE

POLYMORPHISM

ABSTRACTION

ENCAPSULATION

COUPLING

ASSOCIATION

AGGREGATION

COMPOSITION



FILE HANDLING

INPUT STREAM

OUTPUT STREAM

BYTE STREAM

CHARACTER STREAM

FILE CLASS METHODS

