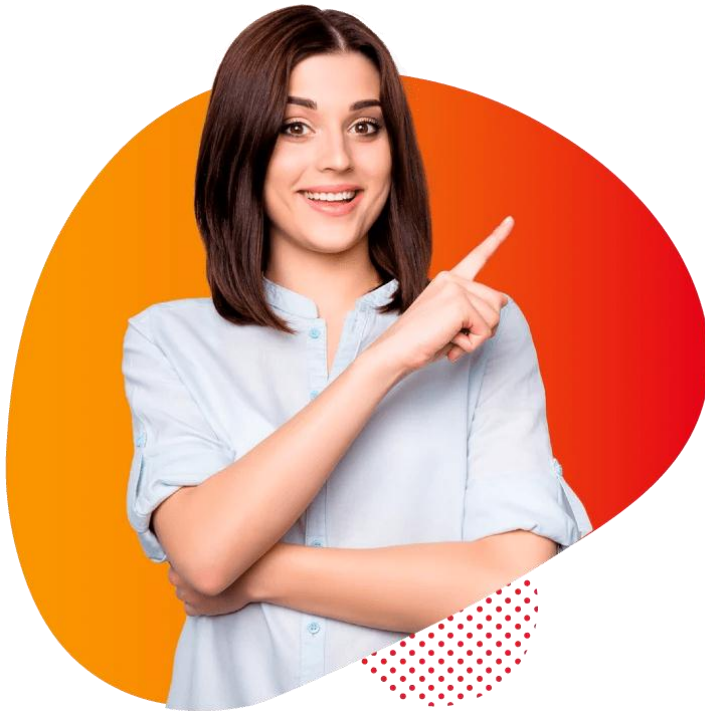
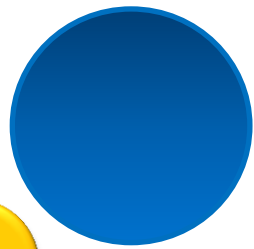


CORE JAVA



**MISSION TO TRAIN
THE STUDENT WELL
ESTABLISHED
SOCIETY WITH A
POOL OF HUMAN
TALENTS TO FULLFILL
THE REQUIREMENTS**

**COMPANY/NATION WITH SYSTEMATICS
APPROACH!**

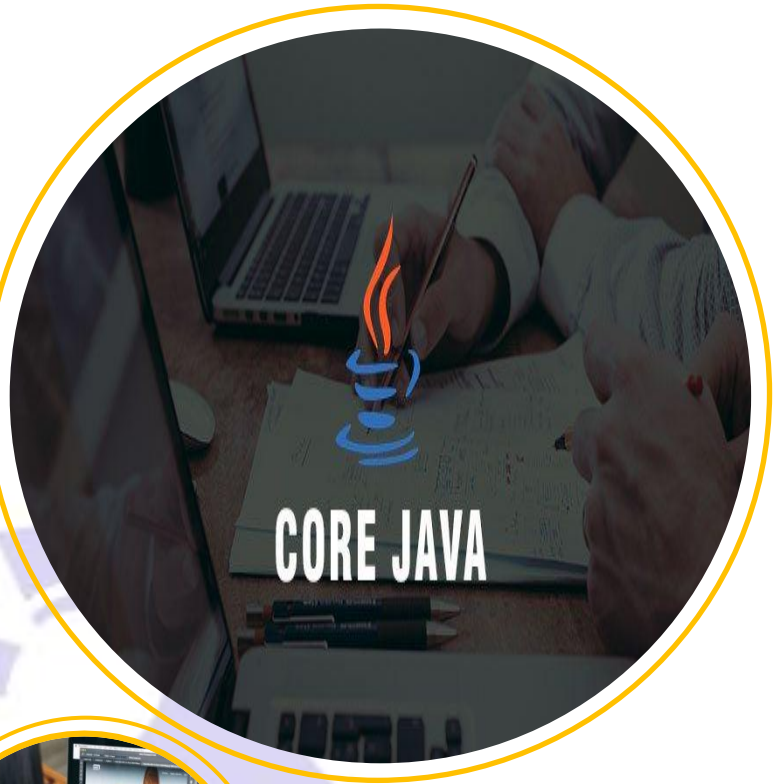


ABOUT

CORE JAVA AGASTYAS SOLUTIONS

AGASTYAS SOLUTIONS is provides a well-known professional's **CORE JAVA** training.

CORE JAVA Course offered at AGASTYAS SOLUTIONS are devised with best practices recommended by Google and other leading search engines. Our strategies are developed with many years of experience. We are passionate about **CORE JAVA** and that's why our strategies WORK! We are sure our sound knowledge and effective **CORE JAVA** principles will turn you into an **CORE JAVA** Professional.



OUR MOTO!

TO TRAIN AND MAKE
EVERYSTUDENT AN
OUTSTANDING CORE JAVA
PROFESSIONALS.



OUR STUDENTS WORKS AT



AGASTYA SOLUTIONS

A journey to excellence



ADVANCED AND EXPERT CORE JAVA

- ❖ SUPPORT & GUIDANCE FOR GOOGLE & OTHER INDUSTRY CERTIFICATIONS.
- ❖ CASE STUDIES & REAL TIME PROJECTS/
TRAINING

DURATIONS

45 - 75 Hours. ⌚



JAVA FUNDAMENTALS

JAVA EDITIONS

+ INTRODUCTION JAVA LANGUAGE

+ JAVA SE

+ JAVA EE

+ JAVA ME

JAVA SOFTWARE

+ JDK

+ JRE

+ SET PATH

+ JVM

JAVA HISTORY

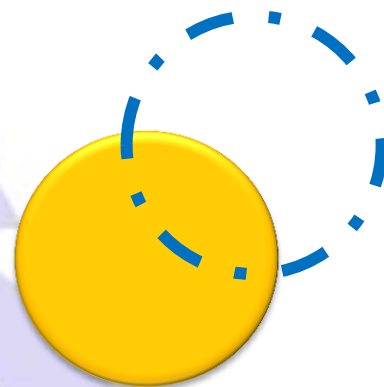
JAVA FEATURES

+ HISTORY OF JAVA

+ JAVA FEATURES

STRUCTURE OF JAVA

+ DOCUMENTATION SECTION



- #IMPORT OR PACKAGE SECTION
- #CLASS SECTION
- #MAIN() METHOD SECTION



BASIC PROGRAMS

- #BASIC PROGRAMS
- #OPERATORS & TYPES
- #IF, IFELSE, NESTED IF, ELSE IF, SWITCH WHILE, DO-WHILE, FOR
- #BREAK, CONTINUE



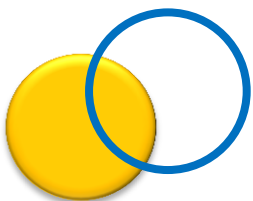
ARRAYS

- #ARRAY DEFINITION
- #SINGLE DIMENSIONAL ARRAY
- #MULTI DIMENSIONAL ARRAY



STRING

- #STRING HANDLING METHODS
- #STRINGBUFFER
- #STRINGTOKENIZER

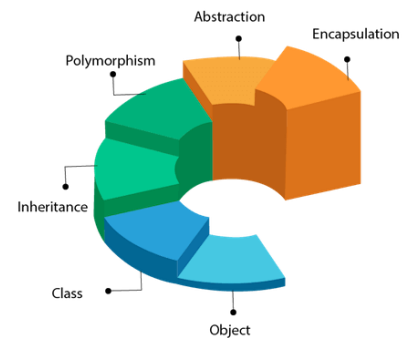


INTRODUCTION TO OOPS

FEATURES

- CLASS AND OBJECT
- ENCAPSULATION
- POLYMORPHISM
- ABSTRACTION
- INHERITANCE

OOPs (Object-Oriented Programming System)



OBJECT ORIENTED PROGRAMMING

CLASS AND OBJECT DECLARATION

METHODS

TYPES OF METHODS

PASSING OBJECT AS METHOD

ARGUMENT

CONSTRUCTORS

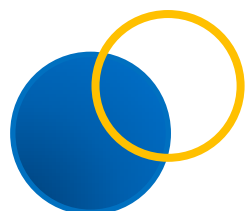
WHAT IS CONSTRUCTOR?

TYPE OF CONSTRUCTOR

CONSTRUCTOR OVERLOADING

THIS KEYWORD

Constructors in Java





RELATIONSHIP BETWEEN OBJECTS

- ✚ BY USING REFERENCE
- ✚ INNER CLASS CONCEPT

INHERITANCE

- ✚ SINGLE INHERITANCE
- ✚ HIERARCHICAL INHERITANCE
- ✚ MULTI-LEVEL INHERITANCE



Inheritance
in
JAVA

POLYMORPHISM

- ✚ METHOD OVERLOADING
- ✚ METHOD OVERRIDING
- ✚ SUPER KEYWORD
- ✚ FINAL KEYWORD

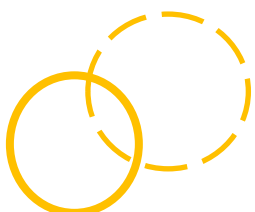


ABSTRACTION

- ✚ ABSTRACT CLASS
- ✚ ABSTRACT METHOD



INTERFACES



✚ WHAT IS INTERFACE?

✚ DECLARATION

✚ MULTIPLE INHERITANCE

PACKAGES

✚ WHAT IS PACKAGE?

✚ STEPS TO IMPLEMENT PACKAGE

✚ ACCESS PROTECTION

✚ CLASSPATH

EXCEPTION HANDLING

✚ DEFINITION

✚ TYPES

✚ BUILD IN EXCEPTION

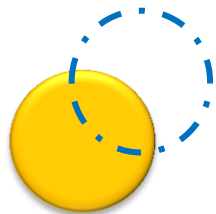
✚ USER DEFINED EXCEPTION

MULTITHREADING

✚ THREAD LIFECYCLE

✚ THREAD CLASS

✚ RUNNABLE INTERFACE



✚ SYNCHRONIZATION

STREAMS & FILES

✚ FILE CLASS

✚ I/O STREAM HIERARCHY

✚ FILE INPUT STREAM

✚ FILE OUTPUT STREAM

WRAPPER CLASSES

✚ CLASSES USED AS WRAPPERS

GENERICS & COLLECTION FRAME

WORKS A journey to excellence

✚ EXAMPLES ON GENERICS

✚ HASHSET, LINKEDHASHSET,

✚ ARRAYLIST, STACK, LINKEDLIST

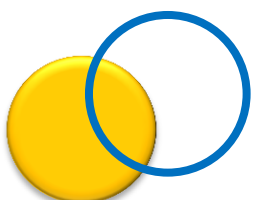
✚ VECTOR, HASHMAP,

✚ ARRAYS, DATE, CALENDER

REGULAR EXPRESSION



Wrapper Class



✚EXAMPLES ON REG. EXPRESSIONS

**GETTING A HIGH PAYING JOB OR
SETTING UP YOUR BUSINESS
BEST WISHES FOR YOUR GREAT
ENDEAVORS & FUTURE!**

THANK YOU!

