

DVS Core Java Content

- Introduction to java
- Java features
- Java execution process
- JDK, JVM, & JRE
- First java Program
- Set java path
- Command line Argument
- Data types
- Type casting
- Variables
- types(static,instance,local)
- Default initialization
- Operators
- Conditionals
- Loop
- Eclipse
- OOPS
- Class
- Object
- Static
- Data Hiding
- Access Specifiers/modifiers
- Encapsulation
- Method overloading(static polymorphism)
- Constructor
- Constructor overloading
- This keyword
- Inheritance
- Method overriding(dynamic polymorphism)
- Super keyword
- Object Class

- final
- Abstraction
- Abstract class
- Interface
- Package
- How to import package
- creating user defined package
- How to use user defined package
- Input from keyboard(Scanner)
- String
- String Buffer
- String Builder
- String Tokenizer
- Exception Handling
- Array
- For-Each Loop
- Collection
- Array vs collection
- Iterator,enumerator,List Iterator
- List
 - ArrayList
 - LinkedList
 - Vector
 - Stack
- Set
 - HashSet
 - LinkedHashSet
 - TreeSet
- Map
 - Hashmap
 - HashTable
- Generics
- File Handling

- Serialization
- Date
- REGEX
- JAR

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