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# Core Java

## Basics

### JDK Installation

#### loops

- ↳ for loop
- ↳ while loop
- ↳ do while loop
- ↳ enhanced for loop

#### if-else

#### Switch case

#### Variables

#### Methods

## Oops

### Method Overloading

### Constructor

### Constructor overloading

### Inheritance

### Method Overriding

### Abstract Class

### Interface

### Type Casting

### Polymorphism

### Abstraction

### Encapsulation

### Packages

### Imports

## Design Patterns

### Object Class

### String Class

### Arrays

### Boxing and Unboxing

### Via Wrapper Classes

## Collections API

### Generics

### Exception Handling

### File Handling

### Multi threading.