SIDDU JAVA CORES

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# Core Java concepts include:

1. Variables, Data Types, and Operators

2. Control Structures (if-else, switch, loops)

3. Object-Oriented Programming (OOP) concepts:

- Classes and Objects

- Inheritance

- Polymorphism

- Encapsulation

- Abstraction

4. Methods and Constructors

5. Arrays and Collections

6. Exception Handling

7. Multithreading

8. Java Memory Management (Heap, Stack, Garbage Collection)

9. Operators and Expressions

10. Java Standard Library (Java.lang , java.util, etc.)

11.Strings

12.Files

Some advanced Core Java concepts include:

1. Generics

2. Lambda Expressions and Functional Programming

3. Method References

4. Stream API

5. Java 8 Date and Time API

6. Java File I/O and Networking

7. Java Reflection API

8. Java Annotations

applet