**Search Overview:**

* **Linear Search**: Simple, works on unsorted data — O(n)
* **Binary Search**: Faster — O(log n), but needs sorted data

**Class:**

Java

class Book {

int bookId;

String title;

String author;

}

**Search Implementations:**

java

// Linear

for (Book b : books) {

if (b.title.equals("DSA 101")) return b;

}

// Binary (assumes sorted)

binarySearch(books, "DSA 101");

**When to Use:**

* Use **Linear Search** for small or unsorted data.
* Use **Binary Search** for sorted and large data.