Problem 2: Library Management System (Medium Level)

Description:

Write a Java program to implement a library management system using:

- A base class Book
- **Derived classes** Fiction and Non-Fiction

Code:

```
System.out.println("Title: " + title);
       System.out.println("Author: " + author);
       System.out.println("Price: " + price);
       System.out.println("Fiction Book Details:");
       super.displayDetails();
       System.out.println("Non-Fiction Book Details:");
       super.displayDetails();
public class LibraryManagement {
   public static void main(String[] args) {
       System.out.println();
       nonFictionBook.displayDetails();
```

Output:

"C:\Program Files\Java\jdk-22\bin\ja

Fiction Book Details:

Title: Harry Potter

Author: J.K. Rowling

Price: 500.0

Non-Fiction Book Details:

Title: Sapiens

Author: Yuval Noah Harari

Price: 700.0

Process finished with exit code 0