**Ques:Create a class to held information about books.**

**Data membes: Title, Author, Cost, No of books**

import java.util.Scanner;

class Book {

String title;

String author;

double cost;

int no\_of\_books;

public Book(String title, String author, double cost, int no\_of\_books) {

this.title = title;

this.author = author;

this.cost = cost;

this.no\_of\_books = no\_of\_books;

}

void display() {

System.out.println("Title: " + title + ", Author: " + author);

System.out.println("Cost: " + cost);

}

}

public class Books {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter data for books.");

Book x[] = new Book[3];

for (int i = 0; i < 3; i++) {

System.out.print("Enter title: ");

String title = sc.next();

System.out.print("Enter author: ");

String author = sc.next();

System.out.print("Enter cost: ");

double cost = sc.nextDouble();

System.out.print("Enter no of books: ");

int no\_of\_books = sc.nextInt();

x[i] = new Book(title, author, cost, no\_of\_books);

}

System.out.print("\nEnter title to search: ");

String title = sc.next();

System.out.print("Enter no of books required: ");

int no\_of\_books = sc.nextInt();

boolean found = false;

for (int i = 0; i < 3; i++) {

if (title.equals(x[i].title) && (no\_of\_books <= x[i].no\_of\_books)) {

found = true;

x[i].display();

System.out.println("Books are sufficient.");

System.out.println("Total cost of books: " + (x[i].cost \* no\_of\_books));

}

}

if (found == false) {

System.out.println("No books found.");

}

}

}