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Q Create a class Book which contains 4 members : name, author, price, num-pages. Include a constructor to set values for the members. Include the members to set and get the details of the objects. Include a toString() method that would display the complete details of the book. Develop a Java program to create 5 book objects.

Ans import java.util.Scanner;
class Book {

private String name;
private String author;
private double price;
private int numPages;

public Book (String name, String author,
double price; ~~for~~ int numPages) {
this.name = name;
this.author = author;
this.price = price;
this.numPages = numPages;
}

public void setName (String name) {
this.name = name;
}

public void setAuthor (String author) {
this.author = author;
}

public void setPrice (double price) {
this.price = price;
}

```
public void set NumPages (int numPages) {
    this.numPages = numPages;
}
```

```
public String getName() {
    return name;
}
```

```
public String get Author() {
    return Author;
}
```

```
public String getPrice() {
    return price;
}
```

```
public int getNumPages() {
    return numPages;
}
```

```
public String toString() {
```

```
    return "Book Name: " + name + "\n" + "Author: "
    + Author + "\n" + "Price: " + price + "\n" + "Number of
    Pages: " + numPages;
}
```

```
public class Main2 {
```

```
    public static void main( String[] args) {
```

```
        try( Scanner scanner = new Scanner(System.in))
```

```
        { System.out.println("Enter the no. of books: ");
```

```
            int n = scanner.nextInt();
```

```
            scanner.nextLine();
```

```
Book[] books = new Book[n];
```

```
for (int i = 0; i < n; i++) {
    System.out.println("\n Enter details for book " + (i+1) + ":");
```

```
    System.out.print("Name: ");
```

```
    String name = Scanner.nextLine();
```

```
    System.out.print("Author: ");
```

```
    String author = Scanner.nextLine();
```

```
    System.out.print("Price: ");
```

```
    double price = Scanner.nextDouble();
```

```
    System.out.print("No. of Pages: ");
```

```
    int numPages = Scanner.nextInt();
```

```
    Scanner.nextLine();
```

```
    books[i] = new Book ( name, author, price, numPages);
}
```

```
System.out.println("\n Book Details:");
```

```
for (Book book : books) {
```

```
    System.out.println(book);
```

```
    System.out.println();
```

```
}
```

```
}
```

```
}
```

```
}
```


Output :-> Enter number of books: 3.

Enter details for book 1:

Name: The Alchemist

Author: Sanchari

Price: 7999.99

No. of Pages: 289

Enter details for book 2:

Name: Three men in a Boat

Author: Piyush

Price: 101.99

No. of Pages: 34

Enter details for book 3:

Name: xyz

Author: abc

Price: 171.99

No. of Pages: 91

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