

→ Create a Book class which has 4 members: name, author, price, num-pages. Include constructor to set value for members. Include methods to set and get details of objects. Include toString() method that could display all details.

```
import java.util.Scanner;  
class Book {
```

```
    String name, author;  
    int price, num-pages;
```

```
    Book(String name, String author, int price, int num-pages) {  
        this.name = name;  
        this.author = author;  
        this.price = price;  
        this.num-pages = num-pages;  
    }
```

```
    public String toString() {  
        String n, a, p, N;  
        n = "Name of Book : " + name + "\n";  
        a = "Author of Book : " + author + "\n";  
        p = "Price of Book : " + price + "\n";  
        N = "Number of Pages : " + num-pages + "\n";  
        return n + a + p + N;  
    }
```

```
}
```



```
class Main {
```

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

```
        Scanner sc = new Scanner(System.in);
```

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

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

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

```
        String name, author;
```

```
        int price, num;
```

```
        sc.nextLine();
```

```
        for(int i=0; i<n; i++) {
```

```
            System.out.println("Enter name of book: ");
```

```
            name = sc.nextLine();
```

```
            System.out.println("Enter author's name: ");
```

```
            author = sc.nextLine();
```

```
            System.out.println("Enter price: ");
```

```
            price = sc.nextInt();
```

```
            System.out.println("Enter no num of pages: ");
```

```
            num = sc.nextInt();
```

```
            b[i] = new Book(name, author, price, num);
```

```
        }
```

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

```
        for(int i=0; i<n; i++) {
```

```
            System.out.println(b[i].toString());
```

```
        }
```

```
    }
```

```
}
```


Output:-

Enter number of book:

2

Enter name of book:

Bible

Enter author's name:

God

Enter price:

1000

Enter number of pages:

100

Enter name of Book:

Text

Enter author's name:

Poornima

Enter price:

100

Enter number of pages:

1000

Book Details:

Name of Book: Bible

Author of Book: God

Price of Book: 1000

Number of Pages: 100

Name of Book : Text

Author of Book : Poojval

Enter price: 100

~~Enter~~ Number of Pages : 1000

26/12/23