

13/10/2020.

### LAB-3

```
import java.util.Scanner;
```

```
class book{
```

```
    String author;
```

```
    String name;
```

```
    String no of pgs;
```

```
    String price;
```

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

```
    void getDetails(){
```

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

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

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

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

```
System.out.println("Num of pages & price");  
noofpgs = sc.next();  
price = sc.next();  
}
```

```
public String toString() {  
    return ("AUTHOR:" + author + " \n Book Name:"  
        + name + " \n pages : " + noofpgs + " \n  
        price' + price);  
}
```

```
book () {  
    author = "xyz";  
    name = "hironi";  
    noofpgs = "56 pgs";  
    price = "400rs";  
}
```

```
void display() {  
    System.out.println("AUTHOR:" + author);  
    System.out.println("Book name:" + name);  
    System.out.println("Num pages : " + noofpgs);  
    System.out.println("PRICE:" + price);  
}  
}
```

```
class BookMain {  
    public static void main (String ss[]) {  
        Scanner sc = new Scanner (System.in);  
        int n;
```

```
book s1 = new book();
```

```
system.out.println("To show that i have  
included default constructor");
```

```
s1.display();
```

```
system.out.println("\n\n Enter no. of book");
```

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

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

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

```
    system.out.println("Enter book : " + (i + 1));
```

```
    b[i] = new book();
```

```
    b[i].getDetails();
```

```
}
```

```
system.out.println("All Book details that  
you entered");
```

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

```
    system.out.println(" Book " + (i + 1));
```

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

```
}
```

```
}
```

```
}
```