

Week 5

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

```
class Book
```

```
{
```

```
    private String name, author;
```

```
    private double price;
```

```
    private int num_pages;
```

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

```
    Book()
```

```
    {
```

```
        name="Harry Potter";
```

```
        author="J.K Rowling";
```

```
        price=1200.99;
```

```
        num_pages=550;
```

```
    }
```

```
    Book(String nam,String auth,double cost,int np)
```

```
    {
```

```
        name=nam;
```

```
        author=auth;
```

```
        price=cost;
```

```
num_pages=np;  
}
```

```
public void getDetails()  
{  
    System.out.println("\nEnter the Book Details: ");  
    System.out.println("Name: ");  
    name=ss.next();  
    System.out.println("Author: ");  
    author=ss.next();  
    System.out.println("Price: ");  
    price=ss.nextDouble();  
    System.out.println("Number of pages: ");  
    num_pages=ss.nextInt();  
  
}
```

```
public String toString()  
{  
    return ("\n\nThe Book Details are:\n"+"Book Title: "+name+"\nAuthor: "+author+"\nPrice: "+price+"\nNumber of Pages: "+num_pages);  
}
```

```
}
```

```
}
```

```
class Book_Details{
```

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

```
{
```

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

```
int n,ch;
```

```
System.out.println("Enter the number of Books: ");
```

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

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

```
for(int i=0;i {
```

```
System.out.println("1:Enter Values\n2:Print Default Values");
```

```
System.out.println("\nEnter the choice: ");
```

```
ch=xx.nextInt();
```

```
if(ch==1)
```

```
{
```

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

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

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

```
}
```

```
else
```

```
{
```

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

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