

DAYANAND

IBM19CS043

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

```
class book
```

```
{ String name, author;  
  int price, num_pages
```

```
void book()
```

```
{ name = "null";  
  author = "null";  
  price = 0;  
  num_pages = 0;
```

```
}
```

```
void get()
```

```
{ Scanner get = new Scanner(System.in);  
  System.out.println("\n Enter the name:");  
  name = get.next();
```

```
  System.out.println("\n Enter the author:");
```

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

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

```
  price = get.next();
```

```
  System.out.println("\n Enter the no. of pages:");
```

```
  price price = get.next();
```

```
}
```

```
void out()
```

```
{ System.out.println("NAME: " + name);
```

```
  System.out.println("AUTHOR: " + author);
```



```
System.out.println("PRICE: "+price);  
System.out.println("PAGES: "+num-pages);
```

g

```
public String toString()
```

```
{ return ("NAME": "+name+ "\nAUTHOR: "+author: " price  
+ "\n PAGES: "+num-pages);
```

g

```
class book2Main
```

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

```
{ Scanner get = new Scanner(System.in);
```

```
int n, ch;
```

```
System.out.println("Enter the no. of books to be  
entered:");
```

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

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

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

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

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

g

```
System.out.println("Display\n1. Function Method\n2.  
- String Method\nEnter choice:");
```

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

```
switch(ch);
```



```
{ case 1: for (int i=0; i<n; i++)
```

```
{ b[i].out (); }
```

```
break;
```

```
case 2: for (int i=0; i<n; i++)
```

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

```
break;
```

```
default : System.out.println ("enter valid number");
```

```
}
```

```
}
```

```
}
```