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## Lab-3

- 1) Create a class book which contain 4 member name, author, price, numppages. Include a constructor to set the values for the members. Include methods to set and get the details of the object, Include a toString ~~fun~~ method that could display the complete details of the book. Develop a Java programme to create n book objects

Soln import java.util.\*;  
class Books {  
    String name;  
    String author;  
    int price;  
    int numppages;

    Books(String name, String author,  
        int price, int numppages.)  
    {  
        this.name = name;  
        this.author = author;  
        this.price = price;  
        this.numppages = numppages;  
    }

public String toString()

```

{ String name, author, price, numpages;
  name = "Book name:" + this.name + "\n";
  author = "Author name:" + this.author + "\n";
  price = "Price:" + this.price + "\n";
  numpages = "No of pages:" + this.numpages
            + "\n";
  return name + author + price + numpages;
}

```

Class Books1

```

{
  public static void main(String args[])
  {
    Scanner S = new Scanner();
    name int n;
    String name, author;
    int price, numpages;
    System.out.println("Enter No of Books");
    n = S.nextInt();
    Books b[];
    b[] b = new books[n]
    int i;

```

~~for (i=0; i<n; i++)~~

```

{
  Scanner SC = new Scanner();
  name = SC.next();
  author = SC.next();
  price = SC.nextInt();
  numpages = SC.nextInt();

```



```
b[i] = new books(name, author,  
price, numPages)
```

```
for (i=0; i<n; i++)  
{  
    System.out.println(b[i].toString())  
}  
}
```

→ Enter no of books : 2

Hi

Hello

23

45

Supri

Kala

95

82

Books name : Hi

author name: Hello

price : 23

numPages : 45

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Books name : Supri

author name : Kala

Price : 95

numPages : 45.