

Price: 300
Number of pages: 400
~~Shreyash Sinha~~ 18M22CS273

Output 2: 2

One 8

Virat

200

300

Biography

Anne

200

400

Book name: One 8

Author name: Virat

Price: 200

Number of Pages: 300

Book Name: Biography

Author name: Anne

Price: 300

Number of pages: 400

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10

26/12/23

CS273

class Main

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

```
        Scanner s = new Scanner(System.in);  
        int n; String name; String author;  
        int price; int numPages;
```

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

```
        Books b[];
```

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

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

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

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

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

```
            numPages = s.nextInt();
```

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

```
        }
```

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

```
        {
```

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

```
        }
```

```
        System.out.println("Shreyash Sinha 18421023");
```

```
    }
```

```
}
```

output: 1

Dogalan

Ashneer

300

400

Books name:

Author: Ashneer

output

10

26/12/17

- Q) create a book class which contains 4 members : name, author, price, num pages. Include constructor to set values for members. Include methods to set and get details of objects. Include a toString() method that could display complete details of the book. develop JAVA program to create n book objects.

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

```
class Books
```

```
{
```

```
    String name; String author;
```

```
    int price; int numPages;
```

```
    Books(String name, String author, int price,  
          int numPages) {
```

```
        this.name = name;
```

```
        this.author = author;
```

```
        this.price = price;
```

```
        this.numPages = numPages;
```

```
    }
```

```
    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 = "Number of Pages: " + this.numPages  
                  + "\n";
```

```
        return (name + author + price + numPages)
```

```
    }
```

```
}
```