Q. Create a class Book which contains four members — name, author, price, num-pages. Include a constructor to set the values for the members. Include methods to set and get the details of the object. Include a toString() method that could display the complete details of the book. Develop a Java program to create n book objects.

```
import java.util.Scanner ;

class Book
{

        String name ;
        String author ;
        int price ;
        int numPages ;

        Book (String name, String author, int price, int numPages)
        {
            this.name    = name ;
            this.author  = author ;
            this.price   = price ;
            this.numPages = numPages ;
        }

        public String toString ()
        {
            return "Book name : " + name + " \n" +
                " Author name : " + author + " \n" +
                " Price : " + price + "\n" +
                "Number of pages :  " + numPages + " \n" ;
        }
}
```

```java
class BooksMain
{
    public static void main (String args [])
    {
        Scanner s = new Scanner (System.in);
        int n;

        System.out.println (" Enter the number of books ");
        n = s.nextInt ()
        Book [] books = new Book [n];

        for (int i = 0; i < n; i++)
        {
            System.out.println ("Enter the name of book ");
            String name = s.next ();

            System.out.println (" Enter the price of the book ");
            int price = s.nextInt ();
            System.out.println (" Enter the name of the author ");
            String author = s.next ();
            System.out.println (" Enter the pages of the book ");
            int numPages = s.nextInt ();
            books [i] = new Book (name, author, price, numPages);
        }

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

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① Enter no. of books
   2
   Enter the name of the book
   ~~Kaza~~ The Kite Runner
   Enter the author of the book
   Khaled Hosseini
   Enter the price of the book
   350
   Enter the pages of the book
   540

   Enter the name of the book
   Harry Potter
   Enter author of the book
   J.K Rowling
   Enter price of the book
   200
   Enter pages of the book
   600

   Book name   :   The Kite Runner
   Author name : Khaled Hosseini
   Price   :   350
   Number of pages : 540

   Book name   : Harry Potter
   Author name :   J K Rowling
   Price   :   200
   Number of pages : 600

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