JAVA LAB-2

public class Book {

private String title;

private String author;

private int year;

public Book(String title, String author, int year) {

setTitle(title);

setAuthor(author);

setYear(year);

}

public void setTitle(String title) {

// Add validation logic here

if (title == null || title.isEmpty()) {

throw new IllegalArgumentException("Title cannot be null or empty");

}

this.title = title;

}

public void setAuthor(String author) {

// Add validation logic here

if (author == null || author.isEmpty()) {

throw new IllegalArgumentException("Author cannot be null or empty");

}

this.author = author;

}

public void setYear(int year) {

// Add validation logic here

if (year <= 0) {

throw new IllegalArgumentException("Year must be a positive number");

}

this.year = year;

}

// Getters for title, author, and year

public String getTitle() {

return title;

}

public String getAuthor() {

return author;

}

public int getYear() {

return year;

}

}

OUTPUT:-

