```java
import java.util.*;

class book
{
    int bookid, no_of_pages, years_of_pub;
    double price;
    String booktitle, author, publisher;
    void book_in()
    {
        Scanner sn = new Scanner(System.in);
        System.out.println("Enter book name");
        booktitle = sn.nextLine();
        System.out.println("Enter book id");
        bookid = sn.nextInt();
        String k = sn.nextLine();
        System.out.println("Enter author name");
        author = sn.nextLine();
        System.out.println("Enter Publisher name");
        publisher = sn.nextLine();
        System.out.println("Enter year of publication");
        year_of_pub = sn.nextInt();
        System.out.println("Enter the price");
        price = sn.nextDouble();
        System.out.println("Enter number of pages");
        no_of_pages = sn.nextInt();
    }
```

```java
void details()
{
    System.out.println("Book title: " + booktitle);
    System.out.println("Book ID: " + bookid);
    System.out.println("Author: " + author);
    System.out.println("Publisher: " + publisher);
    System.out.println("Price: " + price);
    System.out.println("Number of pages: " + no_of_pages);
    System.out.println("Years of publication: " + year_of_pub);
}
void ifauthor(String aut)
{
    if(aut == author)
    {
        details();
    }
}
double bookcost()
{
    return price;
}
int pages()
{
    return no_of_pages;
}
}
```

```java
class book
{
    public static void main (String[] args)
    {
        Scanner sn = new Scanner (System.in);
        System.out.println ("Enter details of book 1");
        Book b1 = new Book();
        b1.Book_in();
        System.out.println ("Enter details of book 2 ");
        Book b2 = new book();
        b2.Book_in();

        System.out.println ("Enter details of book 3");
        Book b3 = new Book();
        b3.book_in();
        System.out.println ("Enter the name of author ");
        String S = sn.nextLine ();
        b1.ifauthor (s);
        b2.ifauthor (s);
        b3.ifauthor (s);
        if (b1.price > b2.price)
        {
            if (b1.price > b3.price)
            {
                b1.details();
            }
            else
                b3.details();
        }
```

```java
else
{
    if (b2.price > b3.price)
            b2.details();
        else
            b3.details();
}
int count = 0;
if (b1.year_of_pub == 2020)
            count += 1;
if (b2.year_of_pub == 2020)
            count + = 1;
if (b3.year_of_pub == 2020)
            count + = 1;

System.out.println("Number of books published in 2020 is: "+count);

if (b1.pages() > b2.pages())
{
        if (b1.pages() > b3.pages())
        {
            b1.details();
        }
        else
            b3.details;
}
else
{
        if (b2.pages() > b3.pages())
                b2.details();
            else
                b3.details;
}
}
}
```