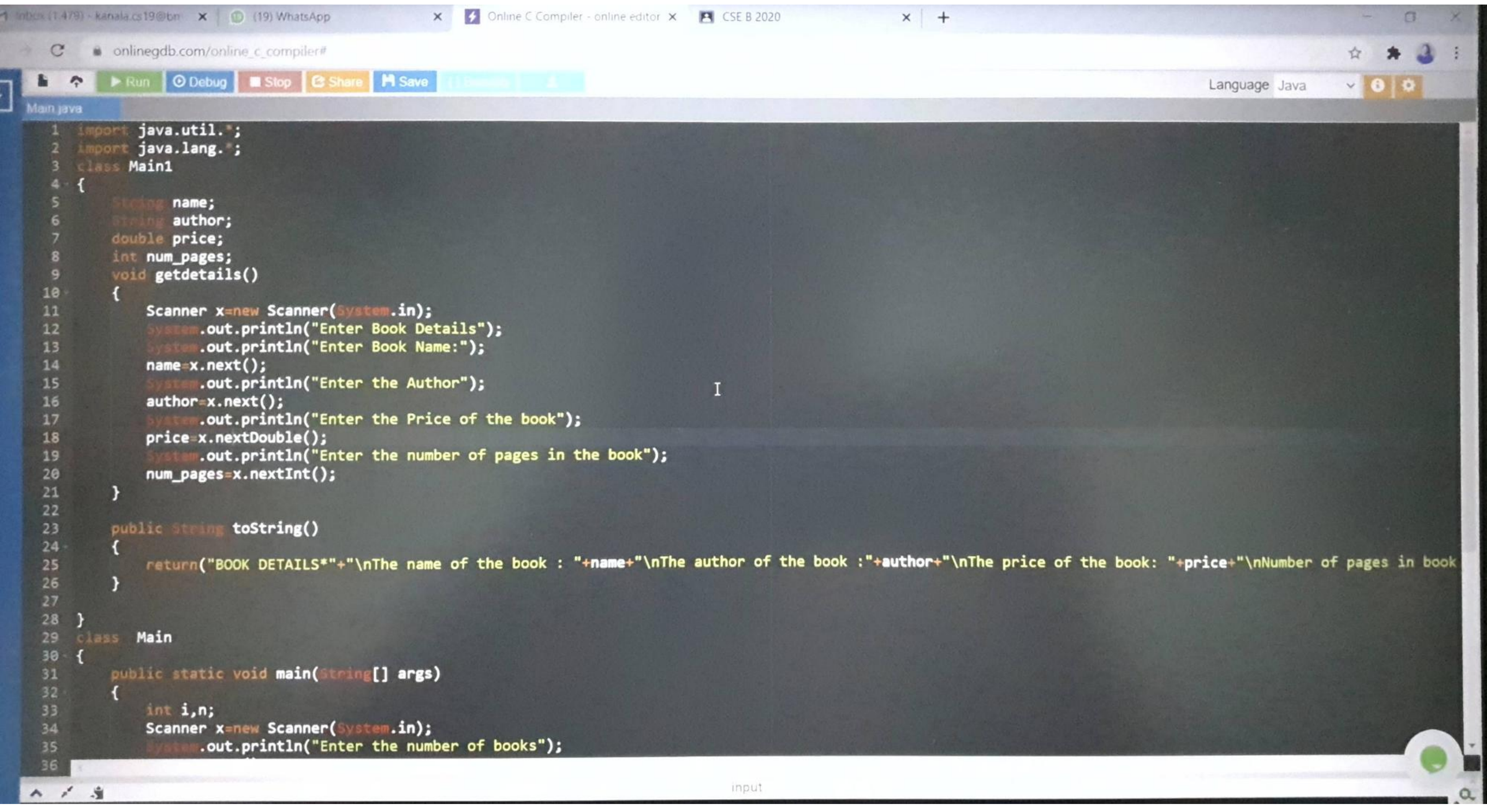
Online C Compiler - online editor
CSE B 2020
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onlinegdb.com/online_c_compiler#
Run
Debug
Stop
Share
Save
Language
Java
Main.java
import java.util.*;
import java.lang.*;
class Main1
{
String name;
String author;
double price;
int num_pages;
void getdetails()
{
Scanner x=new Scanner(System.in);
System.out.println("Enter Book Details");
System.out.println("Enter Book Name:");
name=x.next();
System.out.println("Enter the Author");
author=x.next();
System.out.println("Enter the Price of the book");
price=x.nextDouble();
System.out.println("Enter the number of pages in the book");
num_pages=x.nextInt();
}
public String toString()
{
return("BOOK DETAILS*"+"\nThe name of the book : "+name+"\nThe author of the book :"+author+"\nThe price of the book: "+price+"\nNumber of pages in book
}
}
class Main
{
public static void main(String[] args)
{
int i,n;
Scanner x=new Scanner(System.in);
System.out.println("Enter the number of books");
input

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Run | Debug | Stop | Share | Save | Language: Java

Main.java

```
        System.out.println("Enter the Price of the book");
        price=x.nextDouble();
        System.out.println("Enter the number of pages in the book");
        num_pages=x.nextInt();
    }

    public String toString()
    {
        return("BOOK DETAILS*"+"\nThe name of the book : "+name+"\nThe author of the book :"+author+"\nThe price of the book: "+price+"\nNumber of pages in book
    }

}
class  Main
{
    public static void main(String[] args)
    {
        int i,n;
        Scanner x=new Scanner(System.in);
        System.out.println("Enter the number of books");
        n=x.nextInt();
        Main1 b[]=new Main1[n];
        for (i=0;i<n;i++)
        {
            b[i]=new Main1();
            b[i].getdetails();

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


    }
}
```

input

Main.java

```
17          System.out.println("Enter the Price of the book");
18          price=x.nextDouble();
19          System.out.println("Enter the number of pages in the book");
20          num_pages=x.nextInt();
21
```

```
Enter the number of books
2
Enter Book Details
Enter Book Name:
aaaa
Enter the Author
bbbb
Enter the Price of the book
2000
Enter the number of pages in the book
500
Enter Book Details
Enter Book Name:
xxxxx
Enter the Author
yyyyyy
Enter the Price of the book
1000
Enter the number of pages in the book
350
BOOK DETAILS*
The name of the book : aaaa
The author of the book :bbbb
The price of the book: 2000.0
Number of pages in book :500
BOOK DETAILS*
The name of the book : xxxxx
The author of the book :yyyyyy
```

```
        System.out.println("Enter the Price of the book");
        price=x.nextDouble();
        System.out.println("Enter the number of pages in the book");
        num_pages=x.nextInt();

bbbb
Enter the Price of the book
2000
Enter the number of pages in the book
500
Enter Book Details
Enter Book Name:
xxxxx
Enter the Author
yyyyyy
Enter the Price of the book
1000
Enter the number of pages in the book
350
BOOK DETAILS*
The name of the book : aaaa
The author of the book :bbbb
The price of the book: 2000.0
Number of pages in book :500
BOOK DETAILS*
The name of the book : xxxxx
The author of the book :yyyyyy
The price of the book: 1000.0
Number of pages in book :350


...Program finished with exit code 0
Press ENTER to exit console.
```

EXCELLENT
Page No.
Date: / /

Lab-4

Create a class book which contains four members: name, author, price, num-pages. Include a constructor to set the value for the members. Include methods to set and get the details of the objects. Include a tostring() method that could display the complete details of the book. Develop a java program to create a book objects.

```
import java.util.*;
import java.lang.*;
class Main1
{
String name;
String author;
double price;
int num-pages;
void getdetails()
{
  scanner x = new
Scanner(System.in);
System.out.println("Enter Book details");
System.out.println("Enter Book Name:");
  name = x.next();
System.out.println("Enter the Author");
  author = x.next();
System.out.println("Enter the Price of the book");
  price = x.nextdouble();
System.out.println("Enter the number of pages in the
          book");
  num-pages = x.nextInt();
}
```

```
Public string toString ()
 {
 return (" Book Details * " + " \n the name of the book: "
   + " + name + " \n the author the book ; " + author +
 \n the price of the book : " + price + " + \n number of
 page in book : " + num - pages );
 }
}
class main
 {
  Public static void main (String [] args)
  {
    int i, n;
    scanner x = new
 Scanner (system.in );
 System.out.println (" Enter the number of books");
    n = x.nextInt ();
 Main1 b[] = nuw main1 [n];
  for (i=0; i<n; i++)
   {
     b[i] = nuw main1 ();
     b[i].getdetails ();
  }
  for (i=0; i<n; i++)
   {
     System.out.println(b[i]);
   }
  }
 }
```

EXCELLENT
Page No.
Date: / /

Output:-

Enter the number of books
2
Enter book Details
Enter Book Name:
aaaa
Enter the Author.
bbbb
Enter the Price of the book
2000
Enter the number of pages in the book
500
Enter Book Details
Enter Book Name:
xxxxx
Enter the Author
YYYYYY
Enter the Price of the book
1000
Enter the number of pages in the book
350

Book Details *
The name of the book: aaaa
The author of the book: bbbb
The price of the book: 2000.0
Number of pages in book: 500

Book Details *
The name of the book: xxxxx
The author of the book: YYYYYY

EXCELLENT
Page No.
Date : / /

The price of the book : 1000.0
Number of pages in book : 350