

OBJECT-ORIENTED PROGRAMMING (CSF3043)

K1

LECTURER: PN. NOOR HAFHIZAH

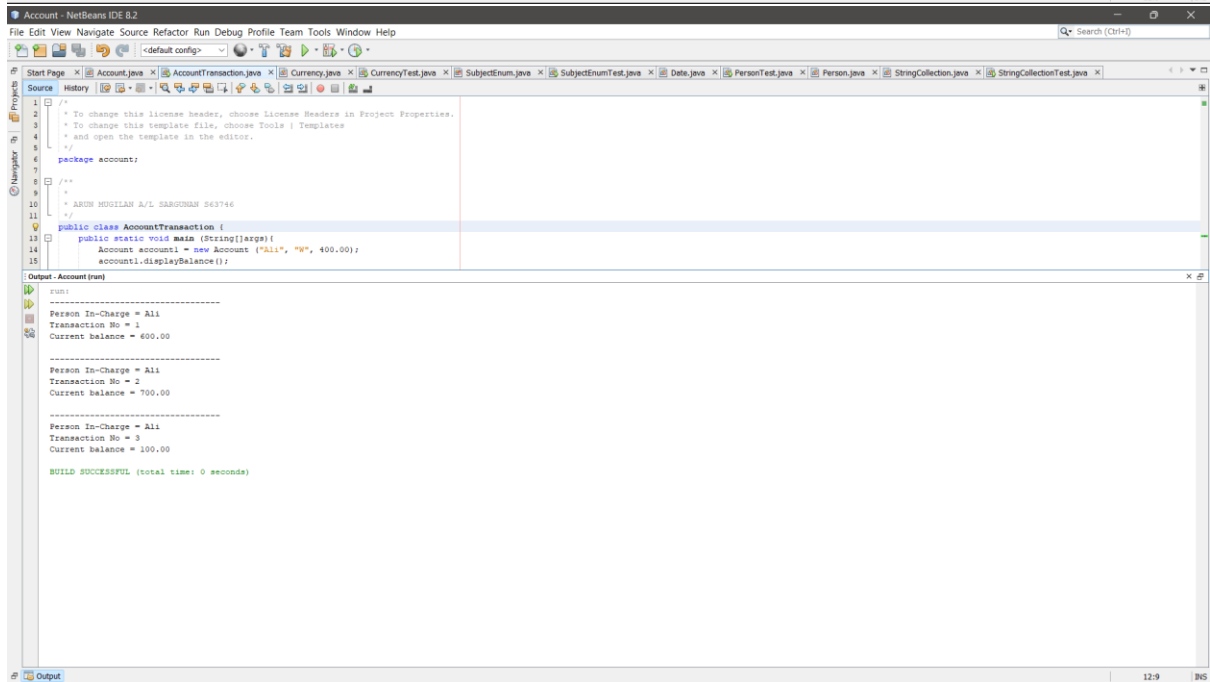
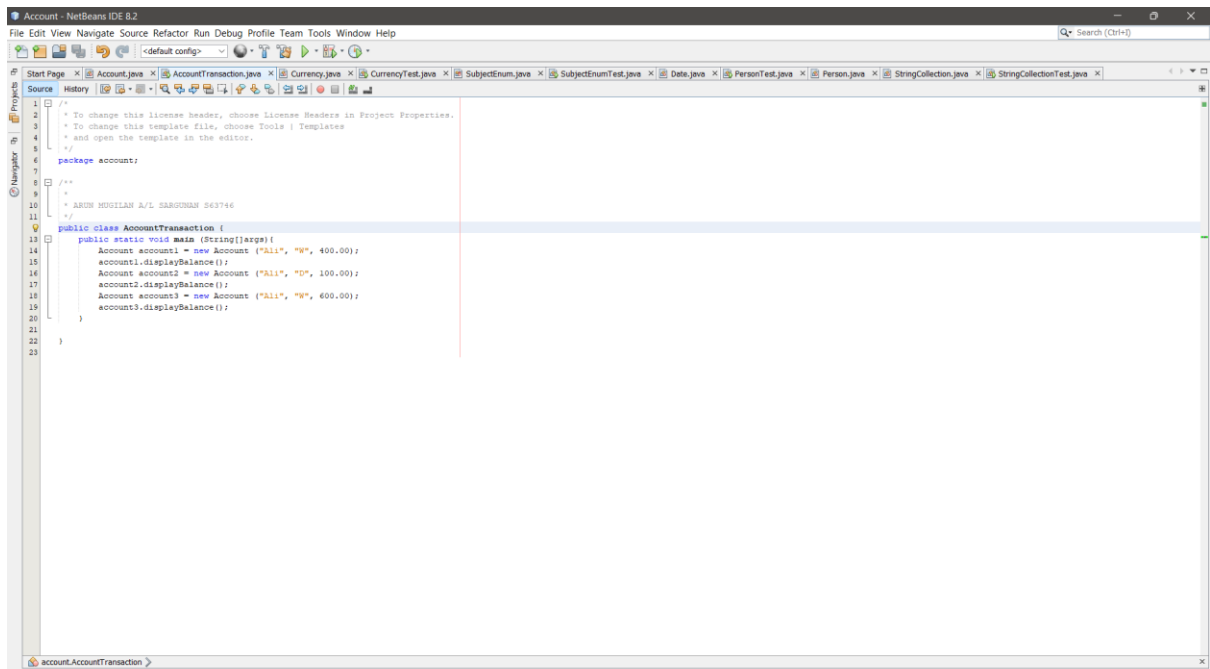
DEMONSTRATOR : MOHD ARIZAL SHAMSIL BIN MAT ARIFIN

NAME : ARUN MUGILAN A/L SARGUNAN

MATRICS NO.: S63746

LAB MODULE: 4





Currency - NetBeans IDE 8.2

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Search (Ctrl+F)

Start Page Currency.java CurrencyTest.java SubjectEnum.java SubjectEnumTest.java Date.java PersonTest.java Person.java StringCollection.java StringCollectionTest.java

Source History

Projects

```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6  package currency;
7
8  /**
9   *
10   * ARON MUGILAN A/L SARGUNAN S63746
11   */
12
13  public class Currency {
14
15      private double myr;
16      double str;
17
18      public Currency (double myr) {
19          setMyr(myr);
20      }
21
22      public void setMyr (double myr) {
23          this.myr = myr;
24      }
25
26      public double getMyr () {
27          return (this.myr);
28      }
29
30      public double sterling () {
31          double str = myr/4.320;
32          str = (str/0.01)*0.01;
33          return (str);
34      }
35  }
36
37
```

Output

Currency - NetBeans IDE 8.2

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5  */
6  package currency;
7
8  /**
9   *
10   * ARON MUGILAN A/L SARGUNAN S63746
11   */
12  import java.util.Scanner;
13  public class CurrencyTest {
14
15      public static void main (String[] args) {
16          Scanner a = new Scanner (System.in);
17          System.out.print("Please insert the currency in Malaysian Ringgit: ");
18          double myr = a.nextDouble();
19          Currency money = new Currency (myr);
20          System.out.println("The currency in Pound Sterling is: "+money.sterling());
21      }
22  }
23
```

currency.CurrencyTest

Output

Currency - NetBeans IDE 8.2

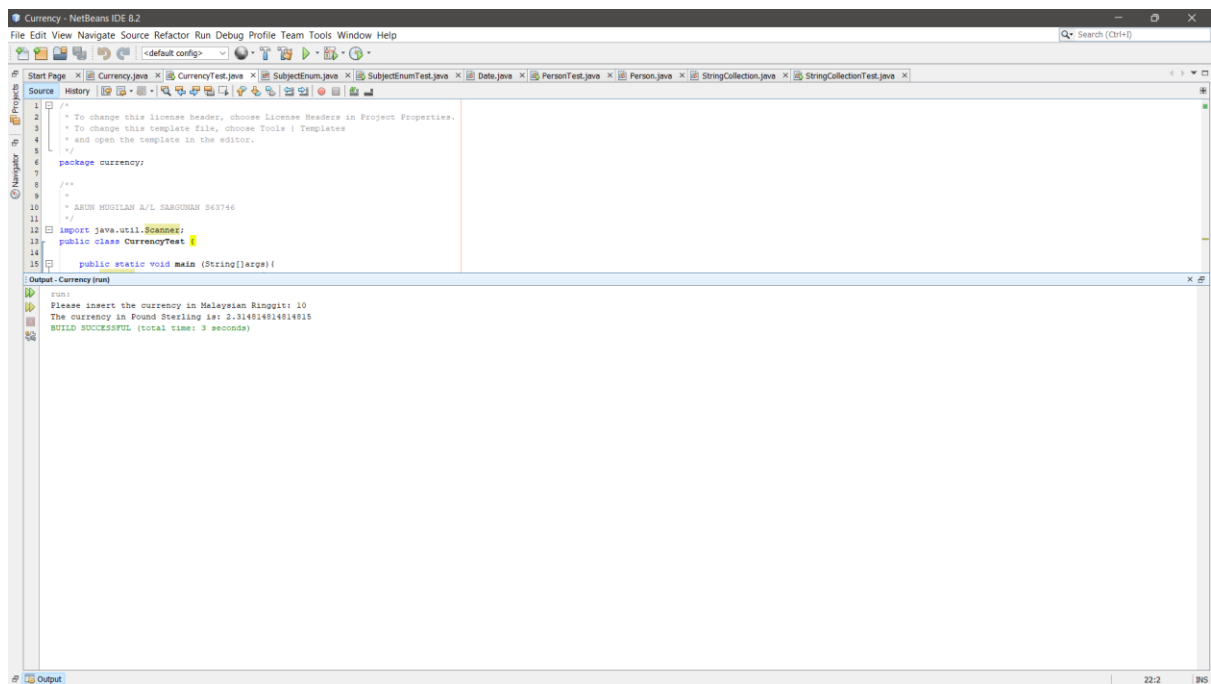
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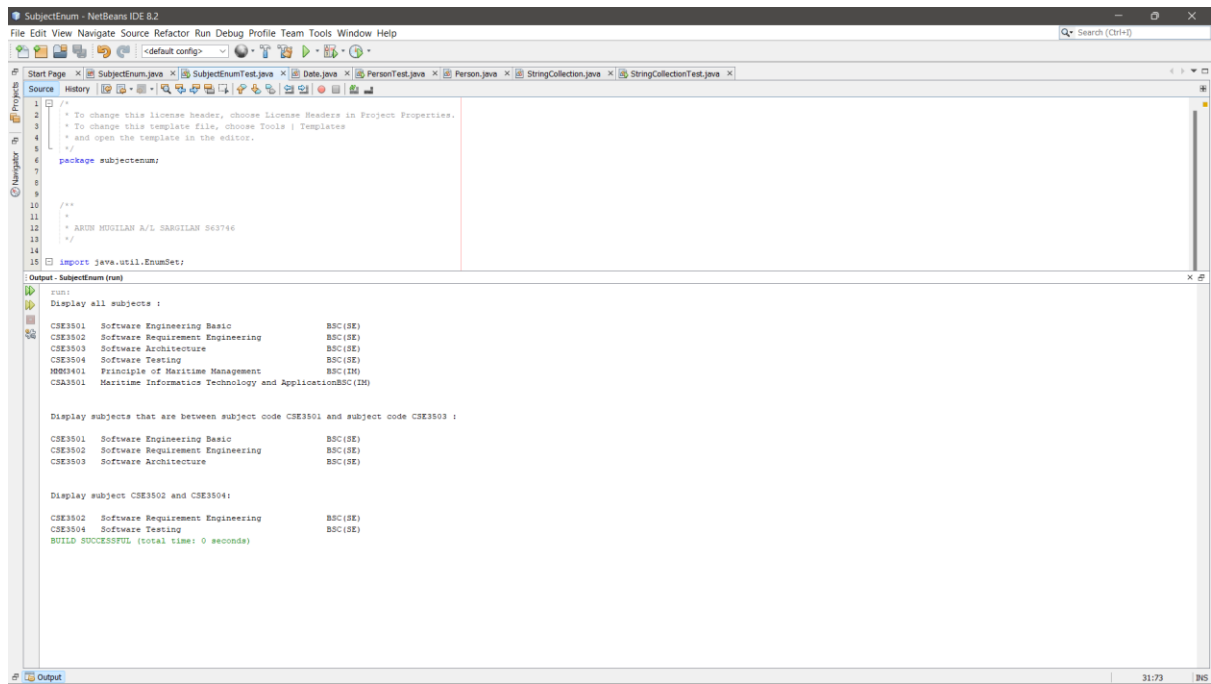
Source History

Projects



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SubjectEnum - NetBeans IDE 8.2
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<default config>
Start Page | SubjectEnum.java | SubjectEnumTest.java | Date.java | PersonTest.java | Person.java | StringCollection.java | StringCollectionTest.java
Source | History |
1 //
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package subjectenum;
7
8 /**
9  *
10  * ARON MOGILAN A/L SARGILAN S63746
11  */
12 public enum SubjectEnum {
13     CSE3501("Software Engineering Basic", "BSC(SE)"),
14     CSE3502("Software Requirement Engineering", "BSC(SE)"),
15     CSE3503("Software Architecture", "BSC(SE)"),
16     CSE3504("Software Testing", "BSC(SE)"),
17     MM2401("Principle of Maritime Management", "BSC(IM)"),
18     CSA3501("Maritime Information Technology and Application", "BSC(IM)");
19
20     private final String subject;
21     private final String course;
22
23     SubjectEnum(String subjectname, String basico) {
24         subject = subjectname;
25         course = basico;
26     }
27
28     public String getSubject() {
29         return subject;
30     }
31
32     public String getCourse() {
33         return course;
34     }
35
36 }
37
38
39
40
```

```
SubjectEnum - NetBeans IDE 8.2
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<default config>
Start Page | SubjectEnum.java | SubjectEnumTest.java | Date.java | PersonTest.java | Person.java | StringCollection.java | StringCollectionTest.java
Source | History |
1 //
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package subjectenum;
7
8 /**
9  *
10  * ARON MOGILAN A/L SARGILAN S63746
11  */
12
13 import java.util.EnumSet;
14 public class SubjectEnumTest {
15     public static void main(String[] args) {
16
17         System.out.println("Display all subjects : \n");
18         for (SubjectEnum subjects : SubjectEnum.values()) {
19             System.out.printf("%-10s%-15s\n", subjects, subjects.getSubject(), subjects.getCourse());
20         }
21
22         System.out.println();
23         System.out.println("Display subjects that are between subject code CSE3501 and subject code CSE3503 : \n");
24         for (SubjectEnum subjects : EnumSet.range(SubjectEnum.CSE3501, SubjectEnum.CSE3503)) {
25             System.out.printf("%-10s%-15s\n", subjects, subjects.getSubject(), subjects.getCourse());
26         }
27
28         System.out.println();
29         System.out.println("Display subject CSE3502 and CSE3504 : \n");
30         for (SubjectEnum subjects : EnumSet.of(SubjectEnum.CSE3502, SubjectEnum.CSE3504)) {
31             System.out.printf("%-10s%-15s\n", subjects, subjects.getSubject(), subjects.getCourse());
32         }
33
34     }
35 }
36
37
38
39
subjectenum.SubjectEnumTest > main >
31/73
```







PackageUtility - NetBeans IDE 8.2

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Search (Ctrl-F)

Start Page | Date.java | PersonTest.java | Person.java | StringCollection.java | StringCollectionTest.java

Source | History | | | | | | | |

1 //  
2 \* To change this license header, choose License Headers in Project Properties.  
3 \* To change this template file, choose Tools | Templates  
4 \* and open the template in the editor.  
5 \*/  
6 package PackageTXXI;  
7  
8 /\*\*  
9 \*  
10 \* ARONMOGILAN A/L SARGUNAN S63746  
11 \*/  
12 import java.util.Date;  
13 public class Person {  
14 private String Name;  
15 private Date Dob;  
16  
17 Date obj1 = new Date();  
18  
19 public Person(String name,String dob){  
20 setName(name);  
21  
22 System.out.print("Name "+getName());  
23 System.out.print("\nBirth Date :"+ getDOB());  
24 obj1.equals(dob);  
25 }  
26 public void setName(String name){  
27 this.Name=name;  
28 }  
29 public String getName(){  
30 return Name;  
31 }  
32 public void setDOB(Date dob){  
33 this.Dob=dob;  
34 }  
35 public Date getDOB(){  
36 return Dob;  
37 }  
38 }  
39

PackageTXXI.Person | obj1

Output

17:28 BNS

PackageUtility - NetBeans IDE 8.2

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Start Page | Date.java | PersonTest.java | Person.java | StringCollection.java | StringCollectionTest.java

Source | History | | | | | | | |

1 //  
2 \* To change this license header, choose License Headers in Project Properties.  
3 \* To change this template file, choose Tools | Templates  
4 \* and open the template in the editor.  
5 \*/  
6 package PackageTXXI;  
7  
8 /\*\*  
9 \*  
10 \* ARON MOGILAN A/L SARGUNAN S63746  
11 \*/  
12 import java.util.Scanner;  
13 public class PersonTest {  
14 public static void main (String [] args){  
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StringCollection - NetBeans IDE 8.2

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Search (Ctrl-F)

Start Page Data.java PersonTest.java Person.java StringCollection.java StringCollectionTest.java

Source History

1 //

2 \* To change this license header, choose License Headers in Project Properties.

3 \* To change this template file, choose Tools | Templates

4 \* and open the template in the editor.

5 \*/

6 package stringcollection;

7

8 /\*\*

9 \*

10 \* ARON MOULIAN A/L SARGUNAN 563746

11 \*/

12

13 import java.util.ArrayList;

14 public class StringCollection {

15 private String str1;

16 private String str2;

17 ArrayList<String> objStringCollection = new ArrayList<String>();

18

19 public StringCollection (String str1, String str2){

20 setStr1(str1);

21 setStr2(str2);

22 objStringCollection.add(getStr1());

23 objStringCollection.add(getStr2());

24 }

25

26 public String getStr1(){

27 return (this.str1);

28 }

29 public void setStr1(String str1){

30 this.str1= str1;

31 }

32 public String getStr2(){

33 return (this.str2);

34 }

35 public void setStr2(String str2){

36 this.str2= str2;

37 }

38 public String toString(){

39 String result = "";

40 for (String s : objStringCollection){

41 result += s + " ";

42 }

43 return String.format("%s = %s\n", "Collection of ArrayList", result);

44 }

45 }

46

10:36

StringCollection - NetBeans IDE 8.2

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7

8 /\*\*

9 \*

10 \* ARON MOULIAN A/L SARGUNAN 563746

11 \*/

12

13 public class StringCollectionTest {

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

15 StringCollection objStringCollection = new StringCollection("M", "N");

16 System.out.println(objStringCollection);

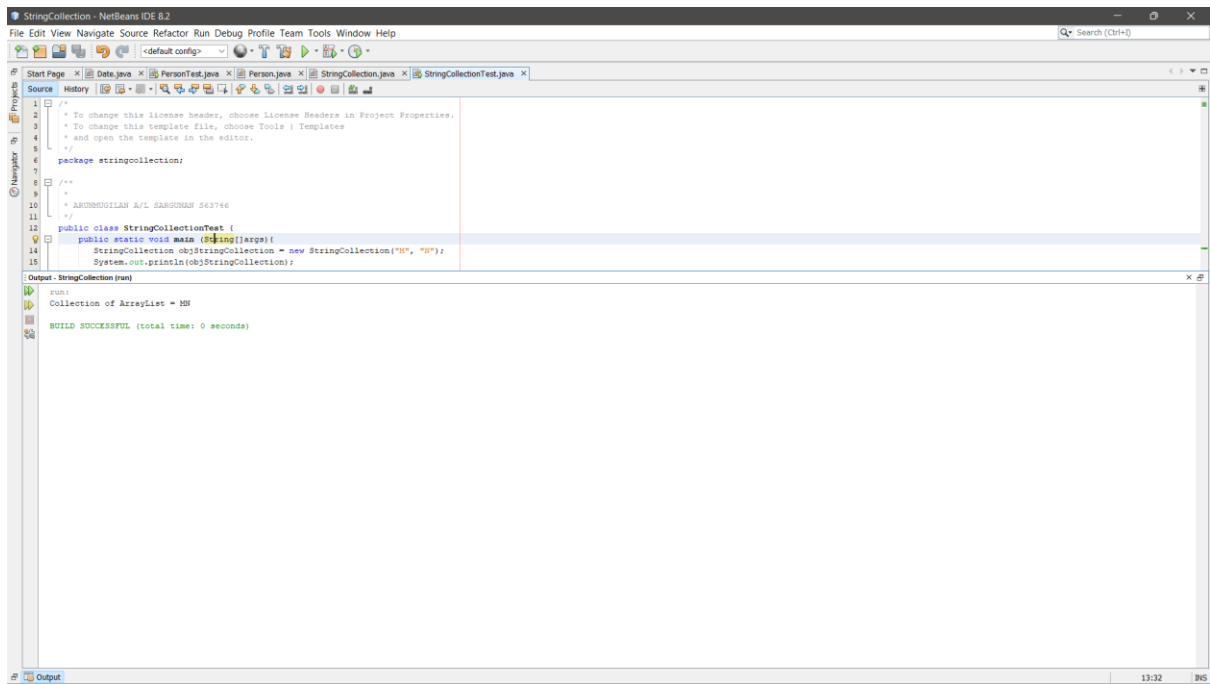
17 }

18 }

19

stringcollection.StringCollectionTest > main

13:32





BookSales - NetBeans IDE 8.2

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Search (Ctrl+F)

Start Page | Data.java | PersonTest.java | Person.java | StringCollection.java | StringCollectionTest.java | BookSales.java | BookSalesTest.java

Source | History | |

1 //  
2 \* To change this license header, choose License Headers in Project Properties.  
3 \* To change this template file, choose Tools | Templates  
4 \* and open the template in the editor.  
5 \*/  
6 package booksales;  
7  
8 /\*\*  
9 \*  
10 \* ARON MUGILAN A/L SARGUNAN 563746  
11 \*/  
12 import java.util.Scanner;  
13 public class BookSalesTest {  
14 public static void main(String[] args){  
15 Scanner s = new Scanner(System.in);  
16  
17 System.out.println("Type of books (A-Advance & B-Beginner) : ");  
18 String booktype = s.next();  
19 System.out.println("Do you have the membership card ? (Y/N)\*");  
20 String membership = s.next();  
21 System.out.println("Number of books to be purchased \*");  
22 int quantity = s.nextInt();  
23  
24 BookSales book = new BookSales(booktype,membership,quantity);  
25 book.DisplayPrice();  
26 }  
27 }  
28  
29 }

booksales.BookSalesTest | main | quantity

Output

22:25 | BIS

BookSales - NetBeans IDE 8.2

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Search (Ctrl+F)

Start Page | Data.java | PersonTest.java | Person.java | StringCollection.java | StringCollectionTest.java | BookSales.java | BookSalesTest.java

Source | History | |

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6 package booksales;  
7  
8 /\*\*  
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11 \*/  
12 import java.util.Scanner;  
13 public class BookSalesTest {  
14 public static void main(String[] args){  
15 Scanner s = new Scanner(System.in);  
16  
17 System.out.println("Type of books (A-Advance & B-Beginner) : ");  
18 String booktype = s.next();  
19 System.out.println("Do you have the membership card ? (Y/N)\*");  
20 String membership = s.next();  
21 System.out.println("Number of books to be purchased \*");  
22 int quantity = s.nextInt();  
23  
24 BookSales book = new BookSales(booktype,membership,quantity);  
25 book.DisplayPrice();  
26 }  
27 }  
28  
29 }

Output - BookSales (run)

main  
Type of books (A-Advance & B-Beginner) :  
A  
Do you have the membership card ? (Y/N)  
Y  
Number of books to be purchased  
?  
--TOTAL : RM 888.0--  
BUILD SUCCESSFUL (total time: 6 seconds)

Output

22:25 | BIS