ASSIGNMENT-3
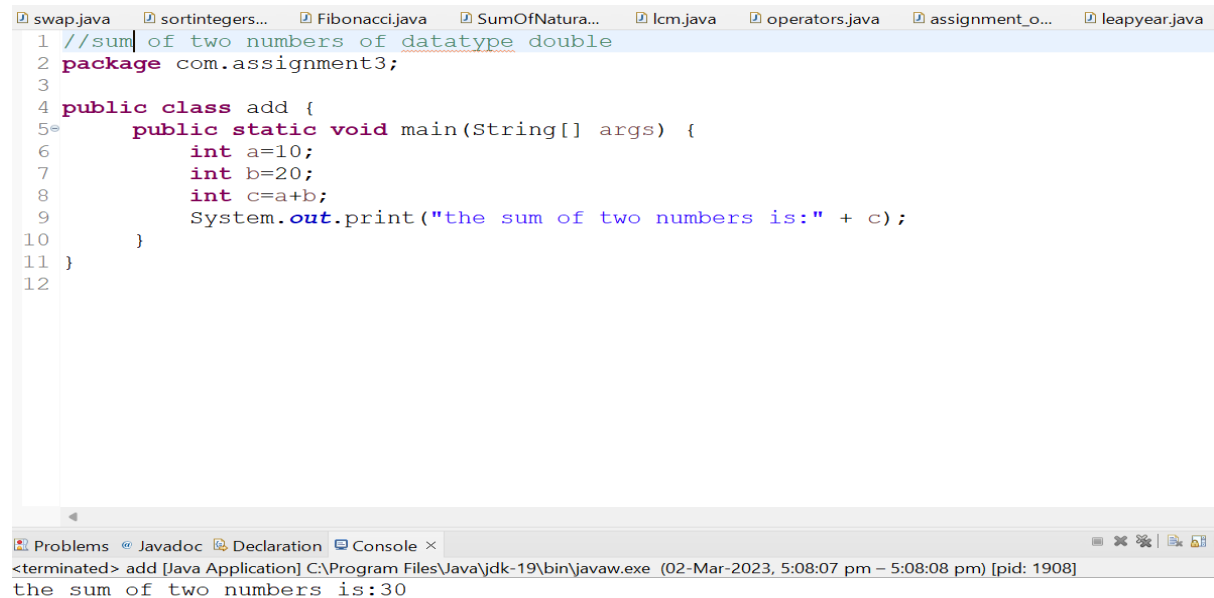
1.Declare two variables of type int, and assign values to them. Add the two variables together and print the result.

https://codeshare.io/9OLnx0

```java
//sum of two numbers of datatype double
package com.assignment3;

public class add {
    public static void main(String[] args) {
        int a=10;
        int b=20;
        int c=a+b;
        System.out.print("the sum of two numbers is:" + c);
    }
}
```
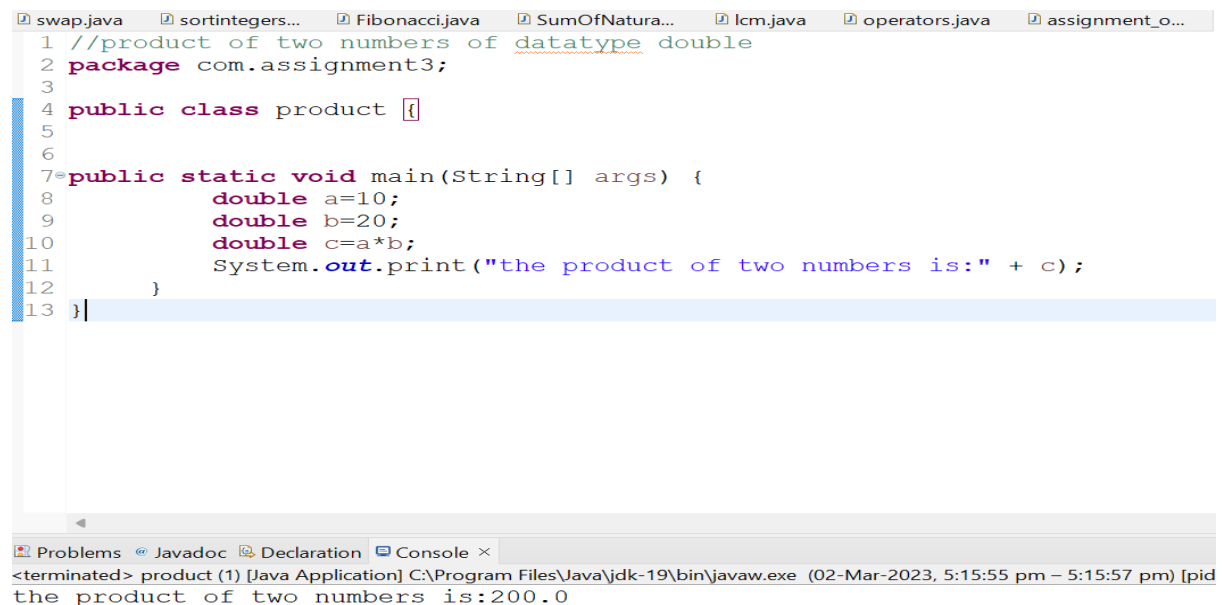
Problems @ Javadoc ☒ Declaration ☐ Console ×
<terminated> add [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:08:07 pm – 5:08:08 pm) [pid: 1908]
the sum of two numbers is:30

2.Declare two variables of type double, and assign values to them. Multiply the two variables together and print the result.

https://codeshare.io/9OLnx0

```java
//product of two numbers of datatype double
package com.assignment3;

public class product {


public static void main(String[] args) {
        double a=10;
        double b=20;
        double c=a*b;
        System.out.print("the product of two numbers is:" + c);
    }
}
```
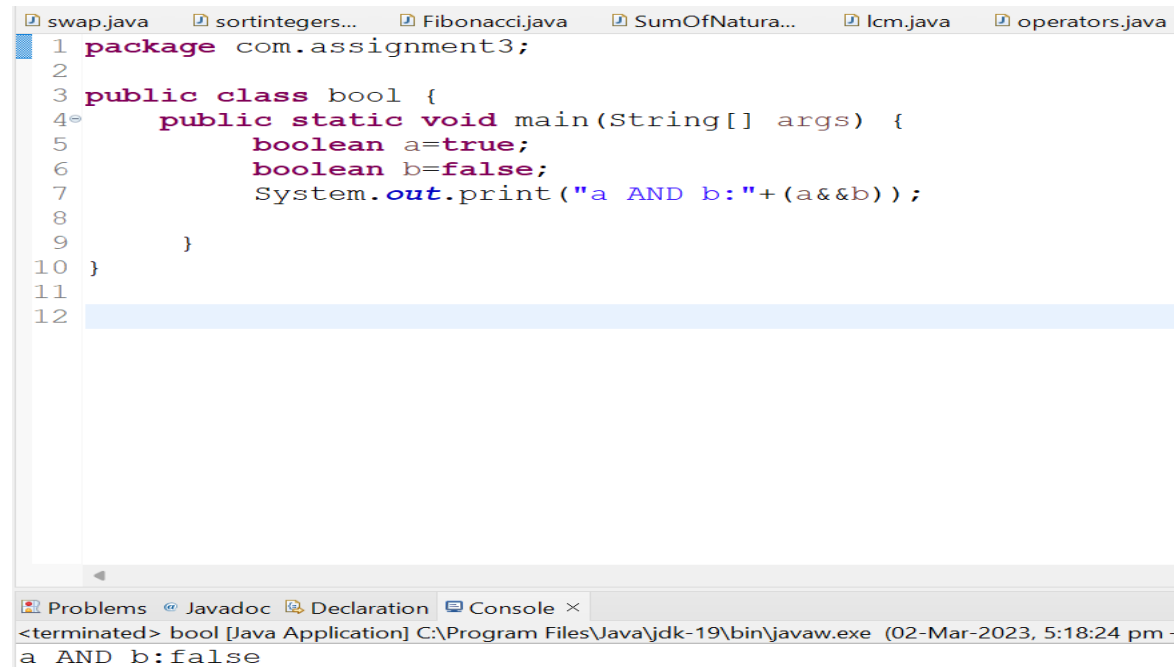
Problems @ Javadoc ☒ Declaration ☐ Console ×
<terminated> product (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:15:55 pm – 5:15:57 pm) [pid
the product of two numbers is:200.0

3.Declare two variables of type boolean, and assign values to them. Print out the value of the logical AND operator applied to the two variables.
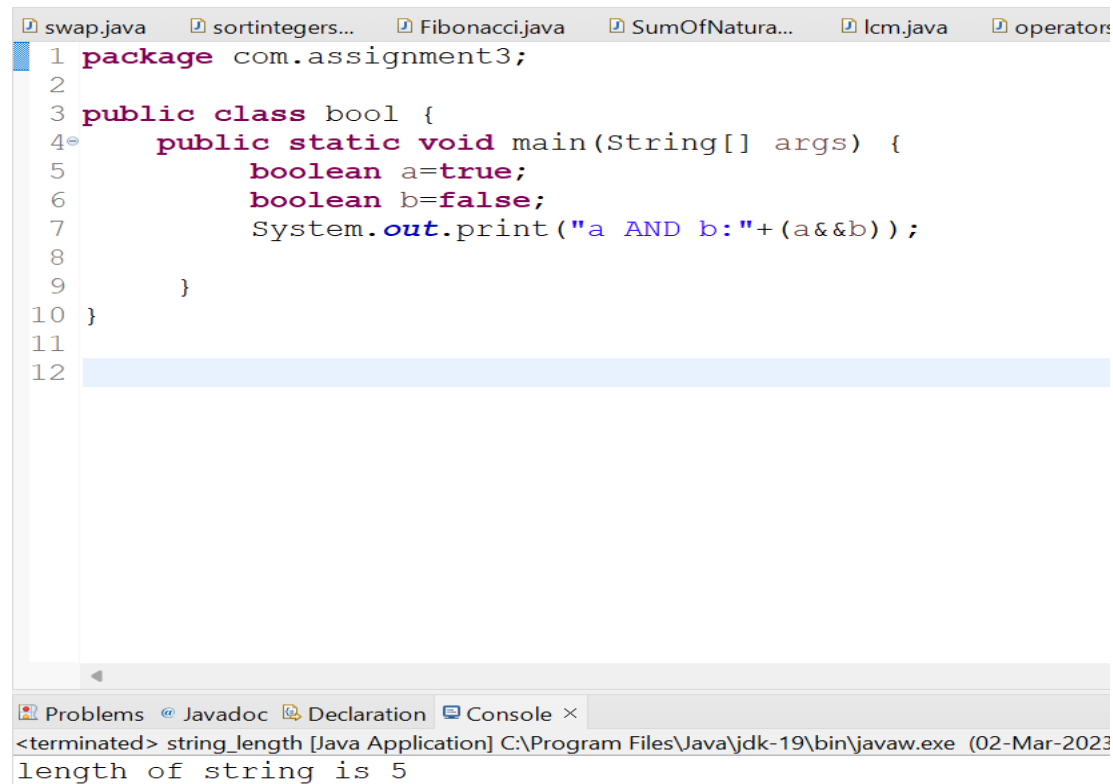
https://codeshare.io/9OLnx0

```
swap.java    sortintegers...   Fibonacci.java   SumOfNatura...   lcm.java   operators.java
1 package com.assignment3;
2
3 public class bool {
4      public static void main(String[] args) {
5            boolean a=true;
6            boolean b=false;
7            System.out.print("a AND b:"+(a&&b));
8
9      }
10 }
11
12
```

Problems @ Javadoc Declaration Console ×
<terminated> bool [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:18:24 pm -
a AND b:false

4.Declare a variable of type String, and assign it a value. Use the String class method length() to print out the length of the string.
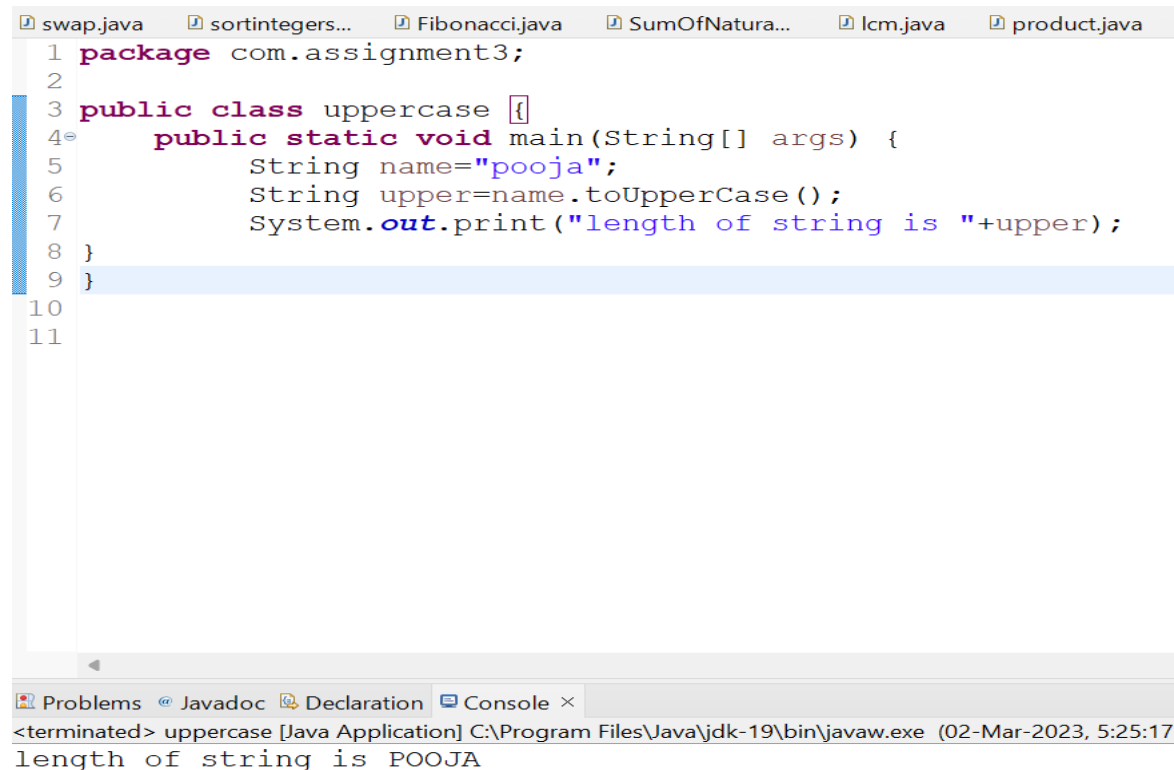
https://codeshare.io/9OLnx0

```
swap.java    sortintegers...   Fibonacci.java   SumOfNatura...   lcm.java   operators
1 package com.assignment3;
2
3 public class bool {
4      public static void main(String[] args) {
5            boolean a=true;
6            boolean b=false;
7            System.out.print("a AND b:"+(a&&b));
8
9        }
10 }
11
12
```

Problems @ Javadoc Declaration Console ×
<terminated> string_length [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023
length of string is 5

5.Declare a variable of type String, and assign it a value. Use the String class method toUpperCase() to print out the string in all uppercase letters.

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swap.java   sortintegers...   Fibonacci.java   SumOfNatura...   lcm.java   product.java

```
1 package com.assignment3;
2
3 public class uppercase {
4     public static void main(String[] args) {
5         String name="pooja";
6         String upper=name.toUpperCase();
7         System.out.print("length of string is "+upper);
8 }
9 }
10
11
```

Problems @ Javadoc Declaration Console ×
<terminated> uppercase [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:25:17
```
length of string is POOJA
```

6.Declare a variable of type String, and assign it a value. Use the String class method substring() to print out a portion of the string.

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swap.java   sortintegers...   Fibonacci.java   SumOfNatura...   product.java   uppercase.java   *substring.java >

```
1 package com.assignment3;
2
3 public class substring {
4     public static void main(String[] args) {
5         String name="pooja";
6         String substring=name.substring(1,3);
7         System.out.print("the substring is "+substring);
8 }
9 }
```
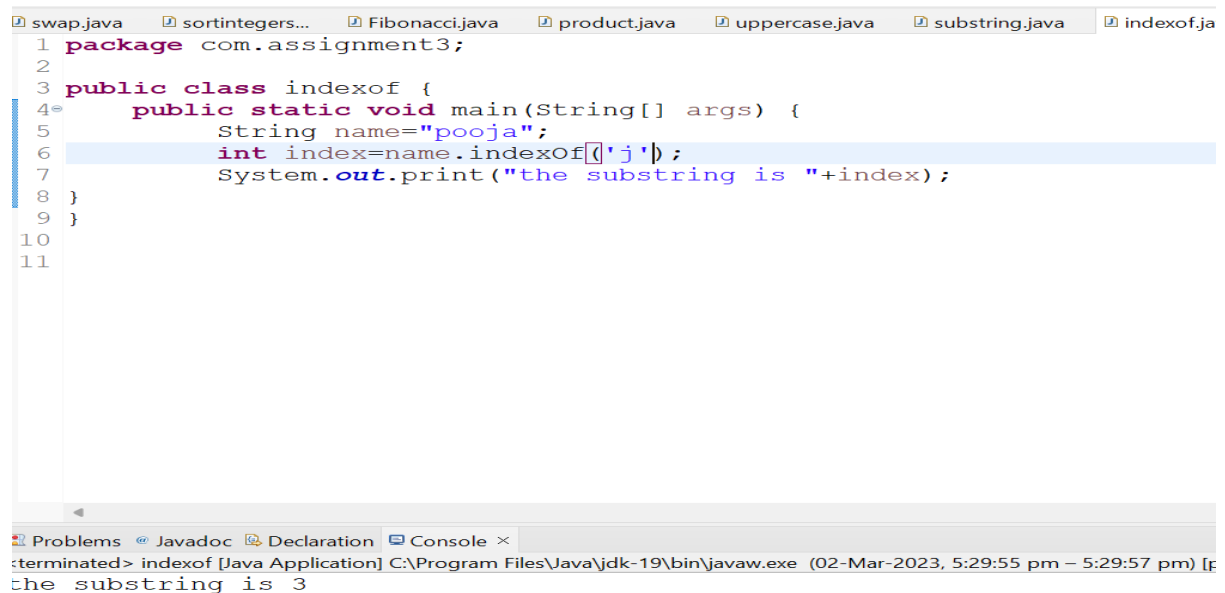
Problems @ Javadoc Declaration Console ×
<terminated> substring [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:27:17 pm – 5:27:19 pm) [pid: 113
```
the substring is oo
```

7.Declare a variable of type String, and assign it a value. Use the String class method indexOf() to find the index of a specific character in the string..

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```
swap.java    sortintegers...   Fibonacci.java   product.java   uppercase.java   substring.java   indexof.ja
 1 package com.assignment3;
 2
 3 public class indexof {
 4     public static void main(String[] args) {
 5         String name="pooja";
 6         int index=name.indexOf('j');
 7         System.out.print("the substring is "+index);
 8 }
 9 }
10
11
```
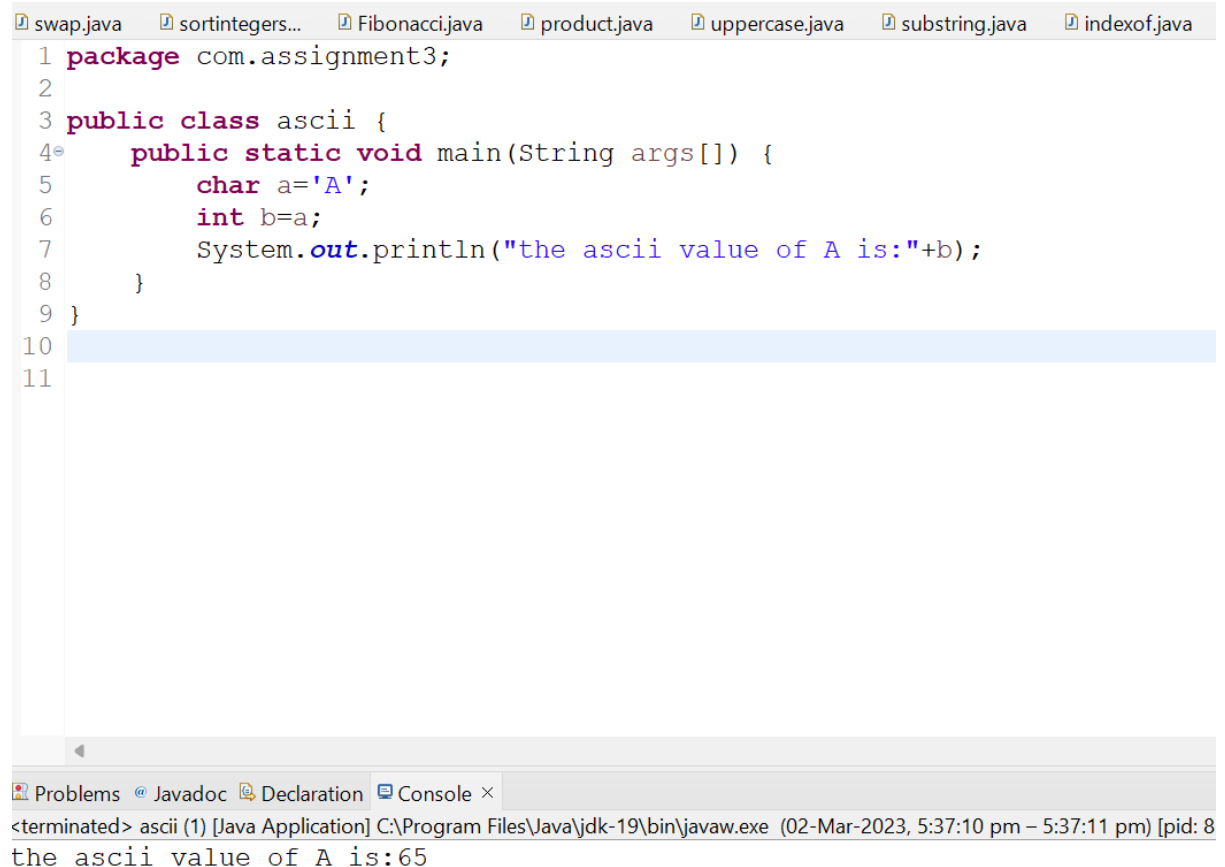
Problems   Javadoc   Declaration   Console ×
:terminated> indexof [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:29:55 pm – 5:29:57 pm) [p
the substring is 3

8.Declare a variable of type char, and assign it a value. Convert the character to its ASCII code and print out the result.

https://codeshare.io/9OLnx0

```
swap.java    sortintegers...   Fibonacci.java   product.java   uppercase.java   substring.java   indexof.java
 1 package com.assignment3;
 2
 3 public class ascii {
 4     public static void main(String args[]) {
 5         char a='A';
 6         int b=a;
 7         System.out.println("the ascii value of A is:"+b);
 8     }
 9 }
10
11
```

Problems   Javadoc   Declaration   Console ×
<terminated> ascii (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:37:10 pm – 5:37:11 pm) [pid: 8
the ascii value of A is:65

9.Declare a variable of type int, and assign it a value. Convert the integer to a String and print out the result.

https://codeshare.io/9OLnx0


```
swap.java    product.java    uppercase.java    substring.java    indexof.java    ascii.java
  1 package com.assignment3;
  2
  3 public class type {
  4⊖     public static void main(String[] args) {
  5            int a = 42;
  6            String str = Integer.toString(a);
  7            System.out.println("Integer value: " + a);
  8            System.out.println("String value: " + str);
  9        }
 10 }
 11
 12 |
```

```
Problems  @ Javadoc  Declaration  Console ×
<terminated> type [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (02-Mar-2023, 5:39:57 pr
Integer value:  42
String value:  42
```

10.Declare a variable of type double, and assign it a value. Convert the double to an int and print out the result

https://codeshare.io/9OLnx0


```
swap.java    product.java    uppercase.java    substring.java    indexof.java    ascii.java    *typecas
  1 package com.assignment3;
  2
  3 public class typecasting {
  4⊖     public static void main(String[] args) {
  5            double a=103456;
  6            int b = (int) a;
  7            System.out.println("Double value: " + a);
  8            System.out.println("Integer value: " + b);
  9    }
 10 }
```

```
Problems  @ Javadoc  Declaration  Console ×
<terminated> typecasting [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe  (02-Mar-2023, 5:41:51 pm – 5:
Double value:  103456.0
Integer value:  103456
```