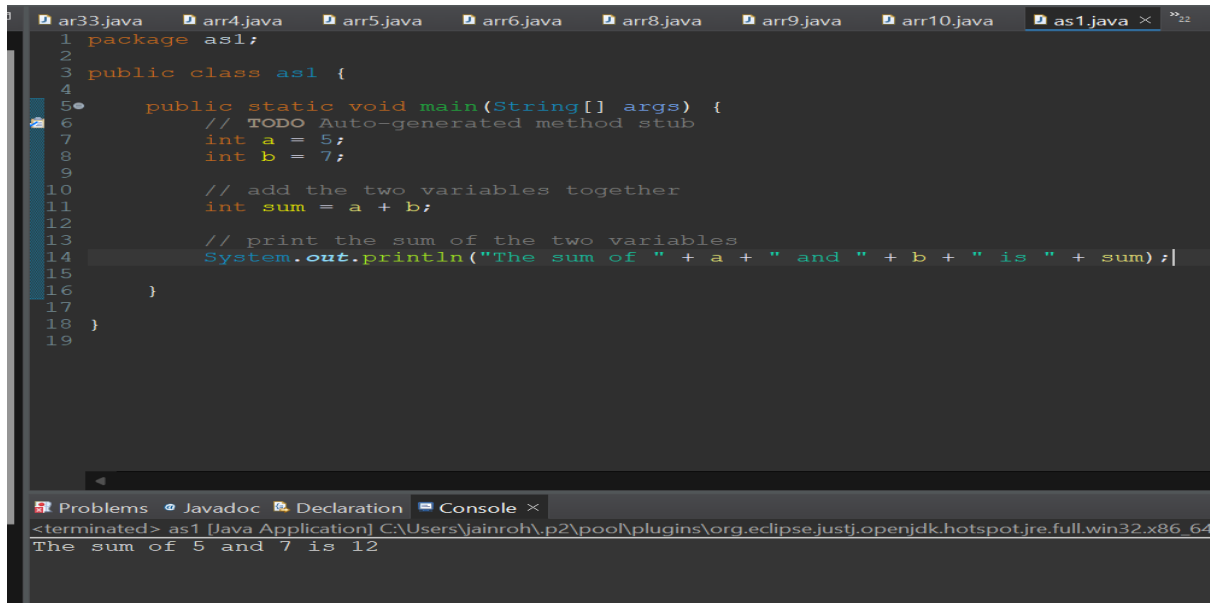


Assignment 3:

Name : Rohan Jain T B

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

<https://codeshare.io/4eo4lL>



```
1 package as1;
2
3 public class as1 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         int a = 5;
8         int b = 7;
9
10        // add the two variables together
11        int sum = a + b;
12
13        // print the sum of the two variables
14        System.out.println("The sum of " + a + " and " + b + " is " + sum);
15    }
16 }
17
18 }
19
```

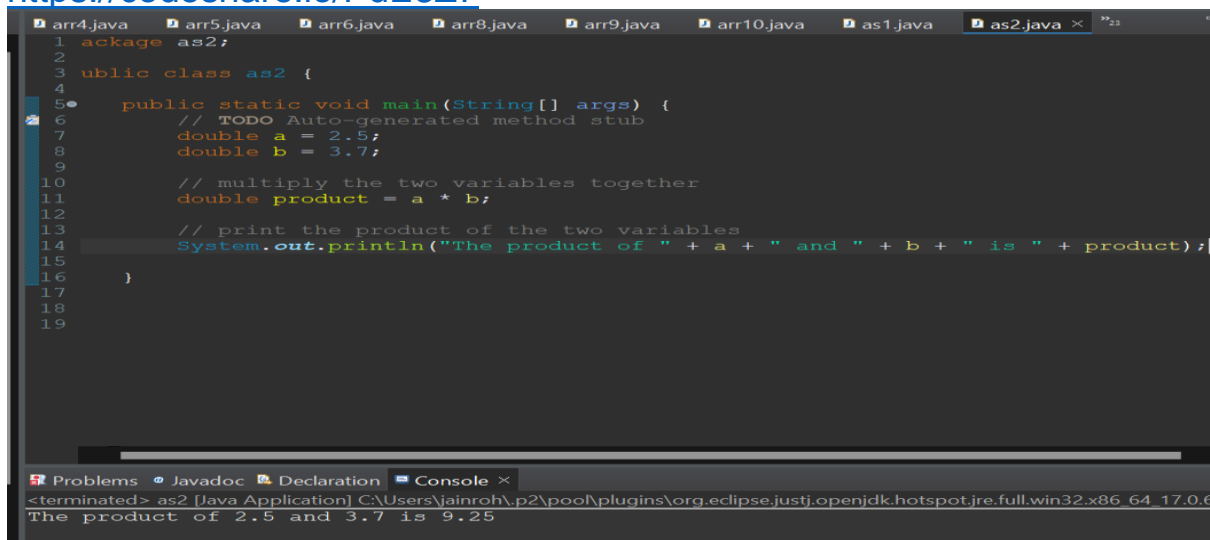
Problems Javadoc Declaration Console ×

<terminated> as1 [Java Application] C:\Users\jainroh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64

The sum of 5 and 7 is 12

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

<https://codeshare.io/PdE3Z7>



```
1 package as2;
2
3 public class as2 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         double a = 2.5;
8         double b = 3.7;
9
10        // multiply the two variables together
11        double product = a * b;
12
13        // print the product of the two variables
14        System.out.println("The product of " + a + " and " + b + " is " + product);
15    }
16 }
17
18 }
19
```

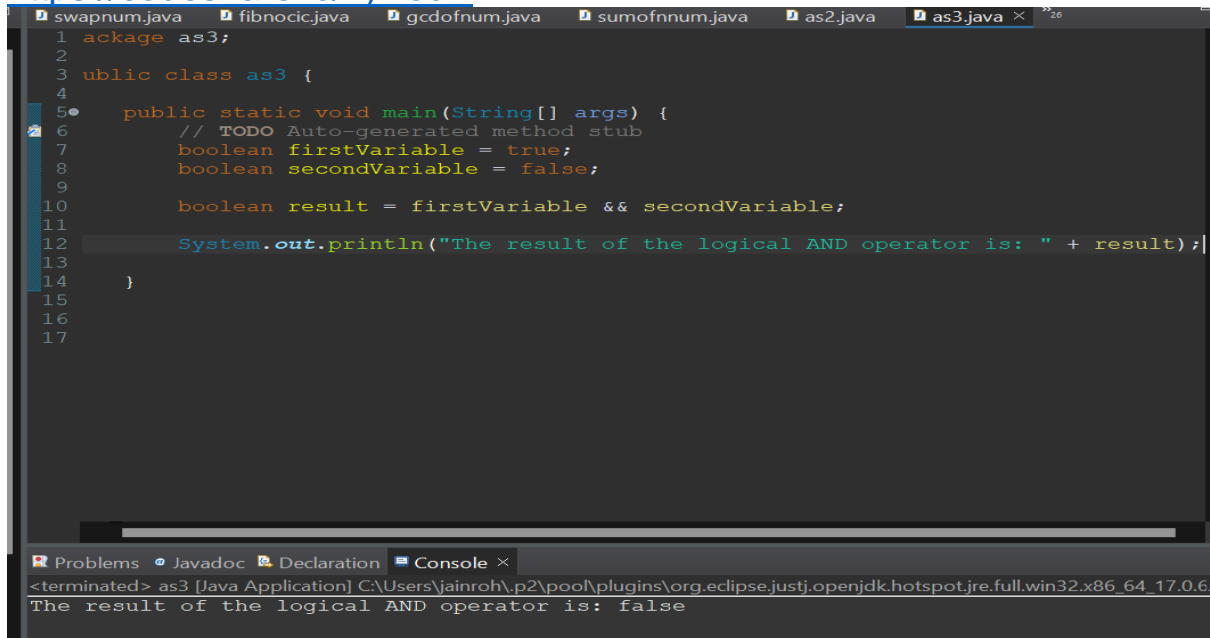
Problems Javadoc Declaration Console ×

<terminated> as2 [Java Application] C:\Users\jainroh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64 17.0.6

The product of 2.5 and 3.7 is 9.25

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/zyAodE>



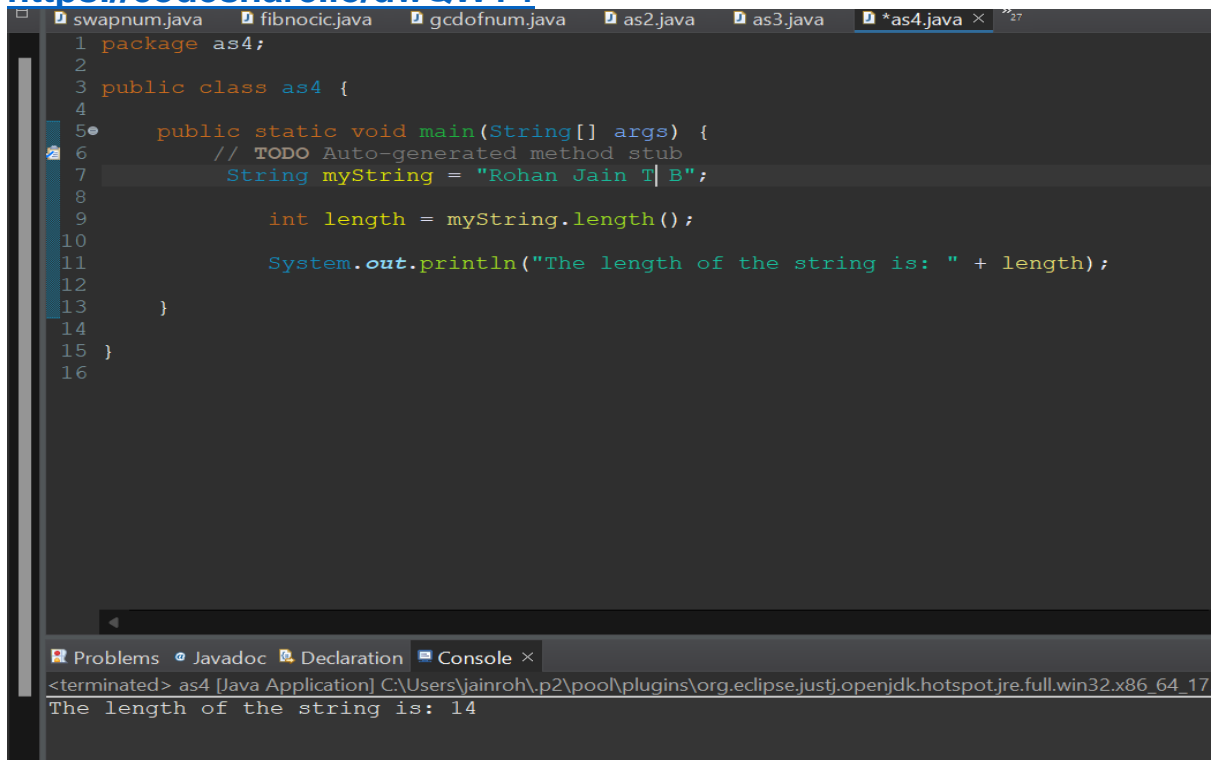
```
1 package as3;
2
3 public class as3 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         boolean firstVariable = true;
8         boolean secondVariable = false;
9
10        boolean result = firstVariable && secondVariable;
11
12        System.out.println("The result of the logical AND operator is: " + result);
13    }
14
15 }
16
17
```

Problems Javadoc Declaration Console ×

<terminated> as3 [Java Application] C:\Users\jainroh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.6
The result of the logical AND operator is: 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/dwQWY4>



```
1 package as4;
2
3 public class as4 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         String myString = "Rohan Jain T B";
8
9         int length = myString.length();
10
11        System.out.println("The length of the string is: " + length);
12    }
13
14 }
15
16
```

Problems Javadoc Declaration Console ×

<terminated> as4 [Java Application] C:\Users\jainroh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17
The length of the string is: 14

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.

<https://codeshare.io/km8qAx>

```
swapnum.java fibnocic.java gcdofnum.java as2.java as3.java as4.java as6.java ×  
1 package as6;  
2  
3 public class as6 {  
4  
5     public static void main(String[] args) {  
6         // TODO Auto-generated method stub  
7         String myString = "Rohan Jain T B";  
8  
9         String Name = myString.toUpperCase();  
10  
11        System.out.println("The length of the string is: " + Name);  
12  
13    }  
14  
15 }  
16
```

Problems Javadoc Declaration Console ×

<terminated> as6 [Java Application] C:\Users\jainroh\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64.jdk\bin\java.exe -Xms4m -Xmx4m -XX:PermSize=256m -XX:+UseParallelGC
The length of the string is: ROHAN JAIN T B

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.

<https://codeshare.io/1Y8Koz>

```
swapnum.java  fibnocic.java  as2.java  as3.java  as4.java  as6.java  ass6.java ×
1 package ass6;
2
3 public class ass6 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         String myString = "Rohan Jain T B";
8         String name=myString.substring(0,5);
9         System.out.println(name);
10
11     }
12
13 }
14
```

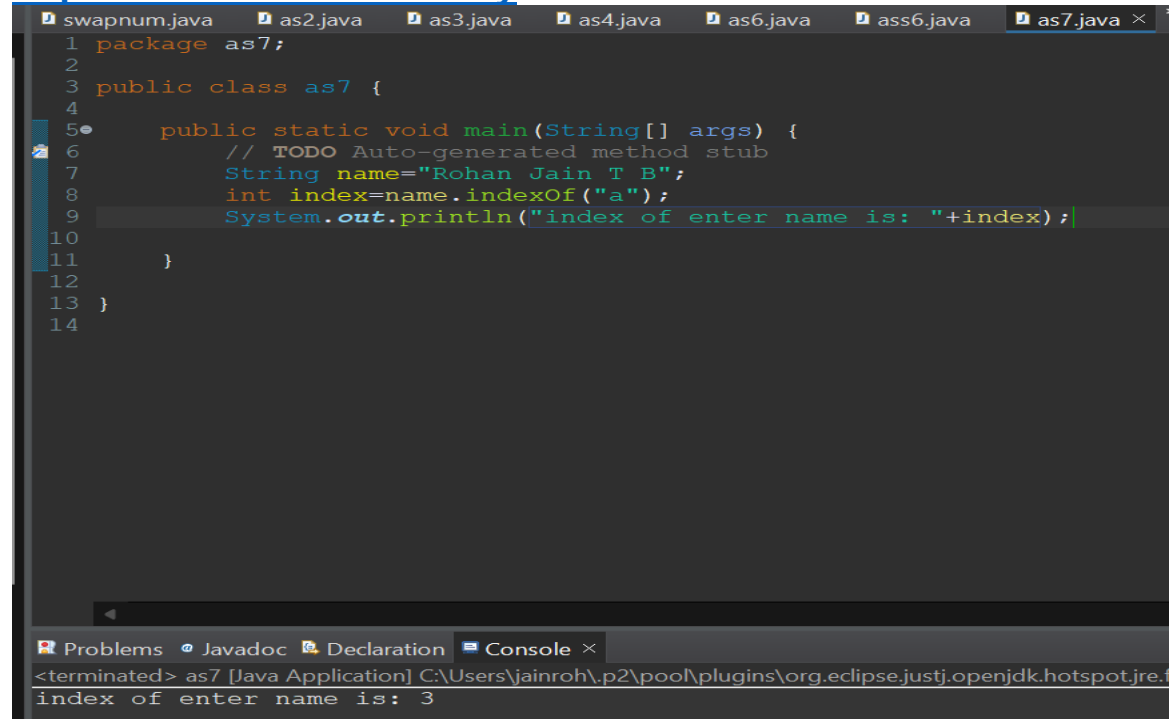
Problems Javadoc Declaration Console ×

<terminated> ass6 [Java Application] C:\Users\jainroh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.v

Rohan

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.

<https://codeshare.io/JbMJby>



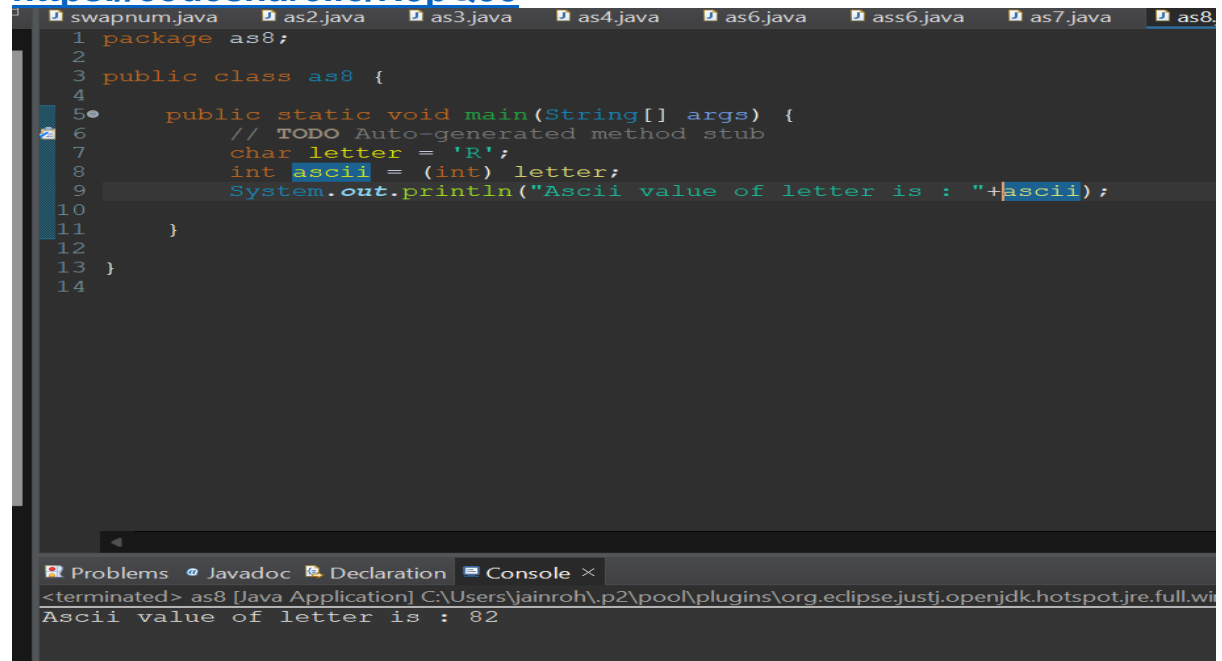
```
1 package as7;
2
3 public class as7 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         String name="Rohan Jain T B";
8         int index=name.indexOf("a");
9         System.out.println("index of enter name is: "+index);
10    }
11 }
12
13 }
14
```

Problems Javadoc Declaration Console ×

<terminated> as7 [Java Application] C:\Users\jainroh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.f
index of enter name 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/N3pQ38>



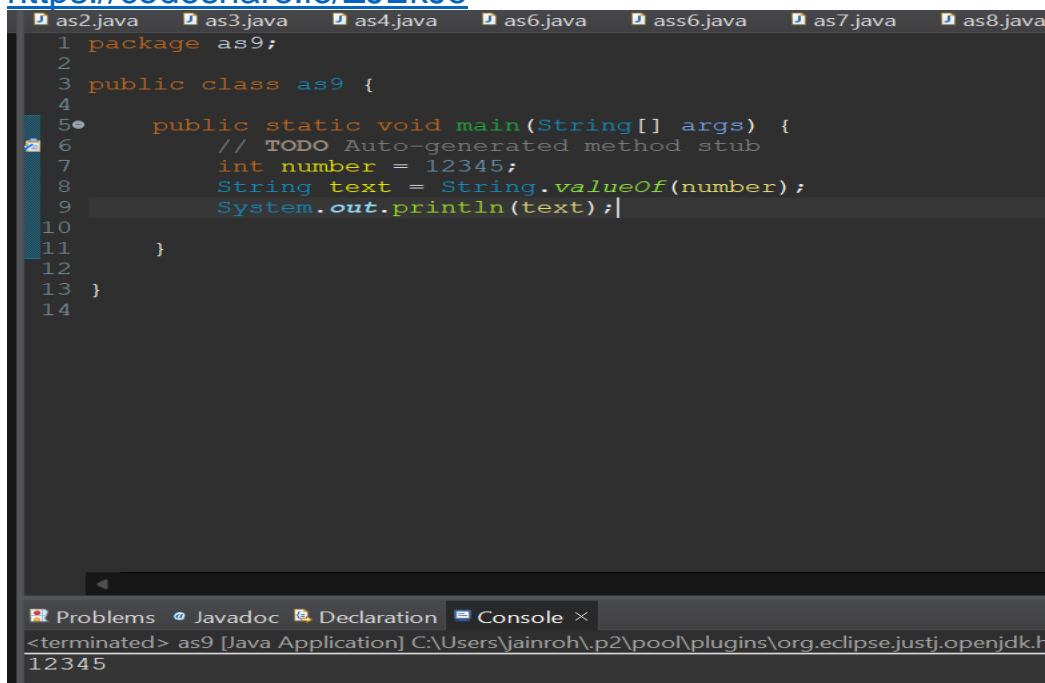
```
1 package as8;
2
3 public class as8 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         char letter = 'R';
8         int ascii = (int) letter;
9         System.out.println("Ascii value of letter is : "+ascii);
10    }
11 }
12
13 }
14
```

Problems Javadoc Declaration Console ×

<terminated> as8 [Java Application] C:\Users\jainroh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.wi
Ascii value of letter is : 82

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/ZJEkJe>



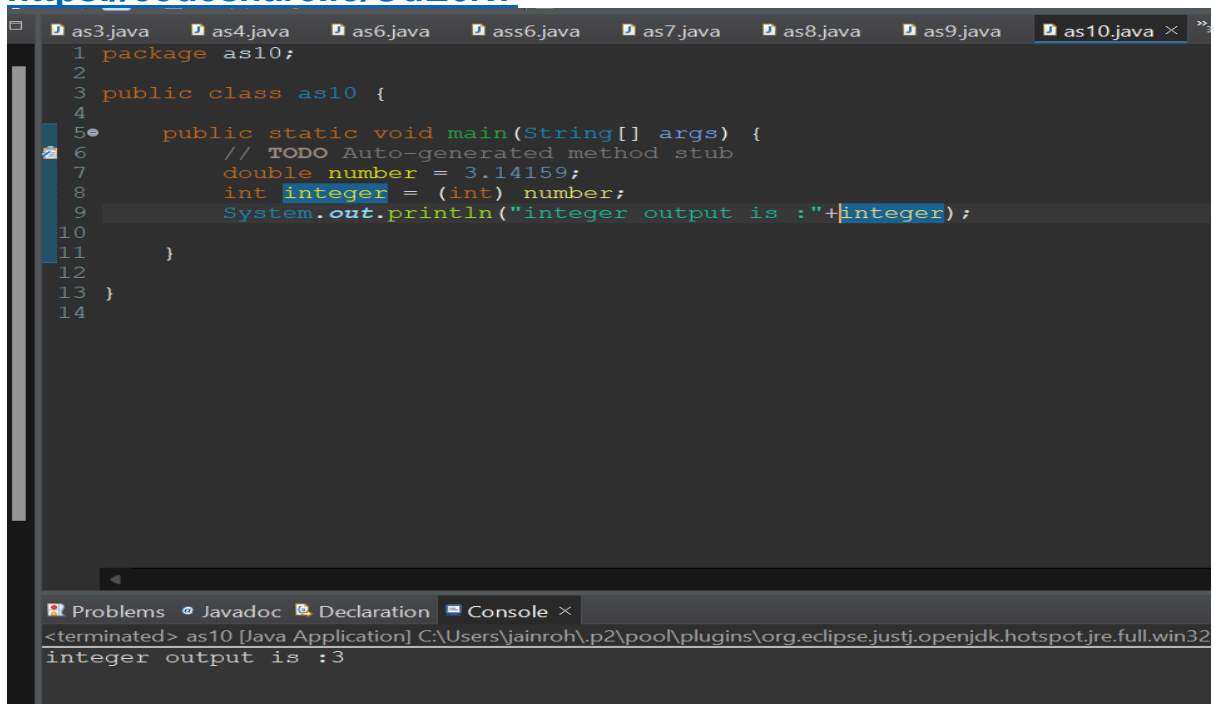
```
1 package as9;
2
3 public class as9 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         int number = 12345;
8         String text = String.valueOf(number);
9         System.out.println(text);
10    }
11
12 }
13
14
```

Problems Javadoc Declaration Console ×

<terminated> as9 [Java Application] C:\Users\jainroh\p2\pool\plugins\org.eclipse.justj.openjdk.h
12345

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/OdE6N7>



```
1 package as10;
2
3 public class as10 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         double number = 3.14159;
8         int integer = (int) number;
9         System.out.println("integer output is :"+integer);
10    }
11
12 }
13
14
```

Problems Javadoc Declaration Console ×

<terminated> as10 [Java Application] C:\Users\jainroh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32
integer output is :3