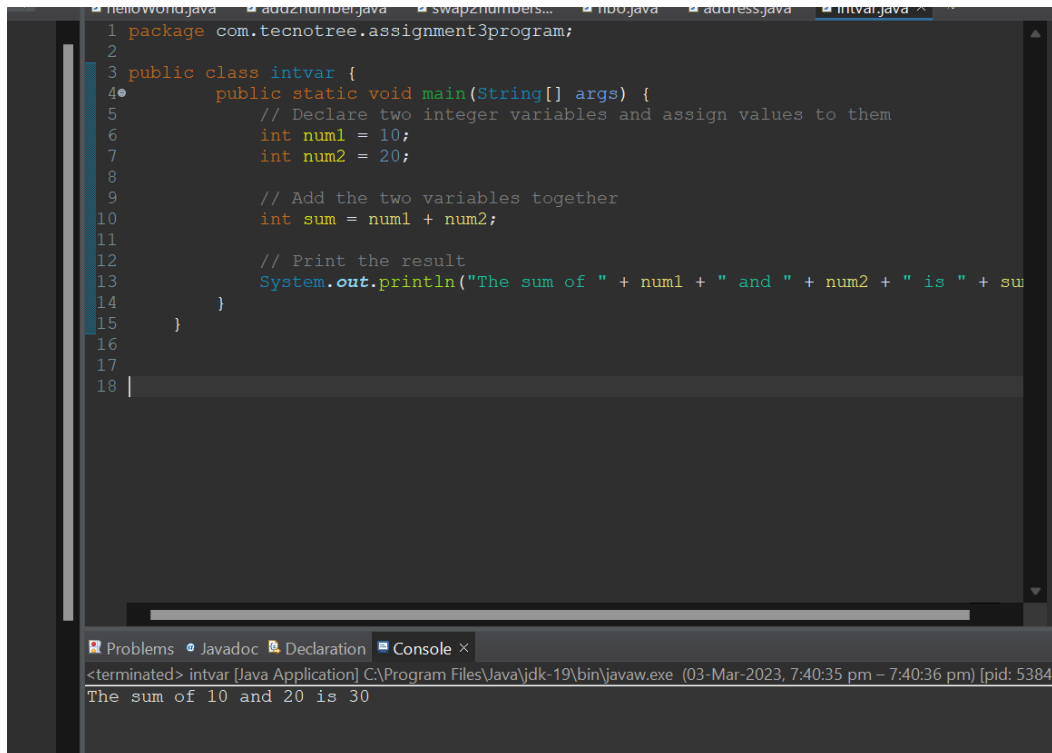1.Declare two variables of type int, and assign values to them. Add the two variables together and print the result.

```java
package com.tecnotree.assignment3program;

public class intvar {
    public static void main(String[] args) {
        // Declare two integer variables and assign values to them
        int num1 = 10;
        int num2 = 20;

        // Add the two variables together
        int sum = num1 + num2;

        // Print the result
        System.out.println("The sum of " + num1 + " and " + num2 + " is " + sum);
    }
}
```
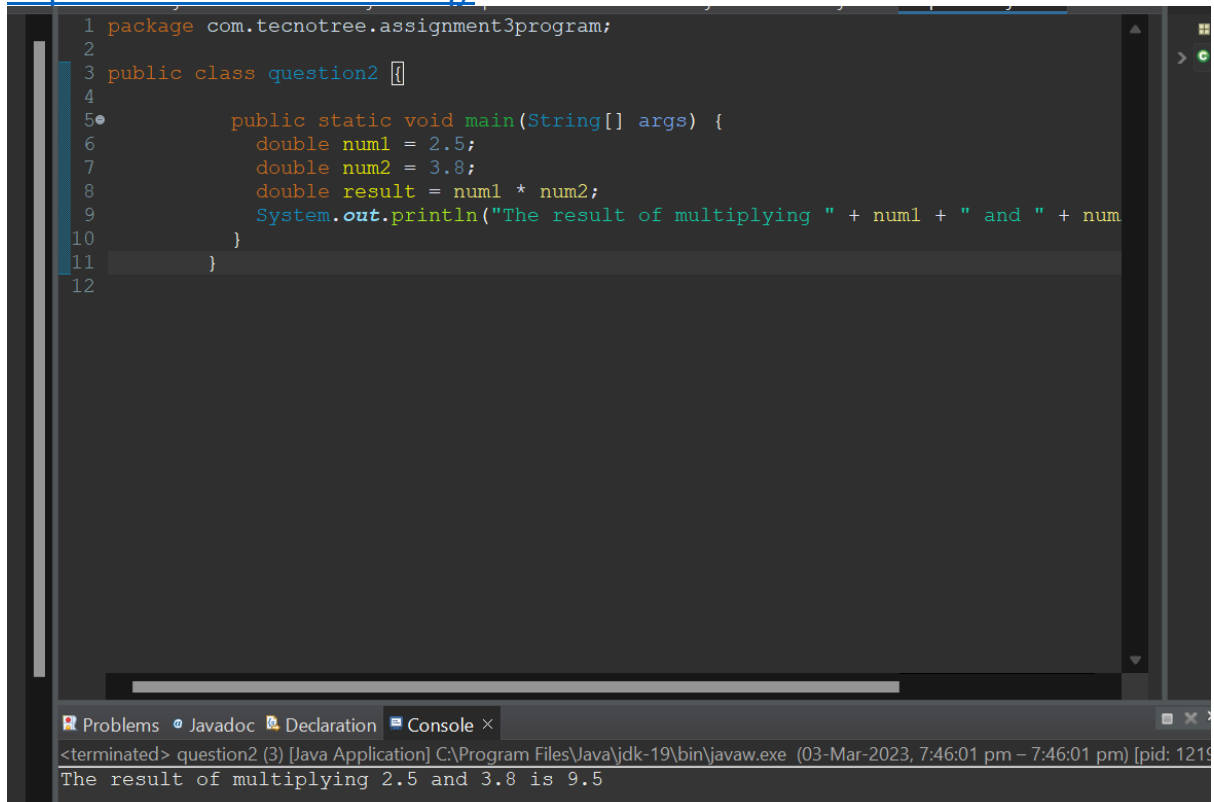
Problems Javadoc Declaration Console ×
<terminated> intvar [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 7:40:35 pm – 7:40:36 pm) [pid: 5384]
```
The sum of 10 and 20 is 30
```

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

```java
package com.tecnotree.assignment3program;

public class question2 {

    public static void main(String[] args) {
        double num1 = 2.5;
        double num2 = 3.8;
        double result = num1 * num2;
        System.out.println("The result of multiplying " + num1 + " and " + num2);
    }
}
```
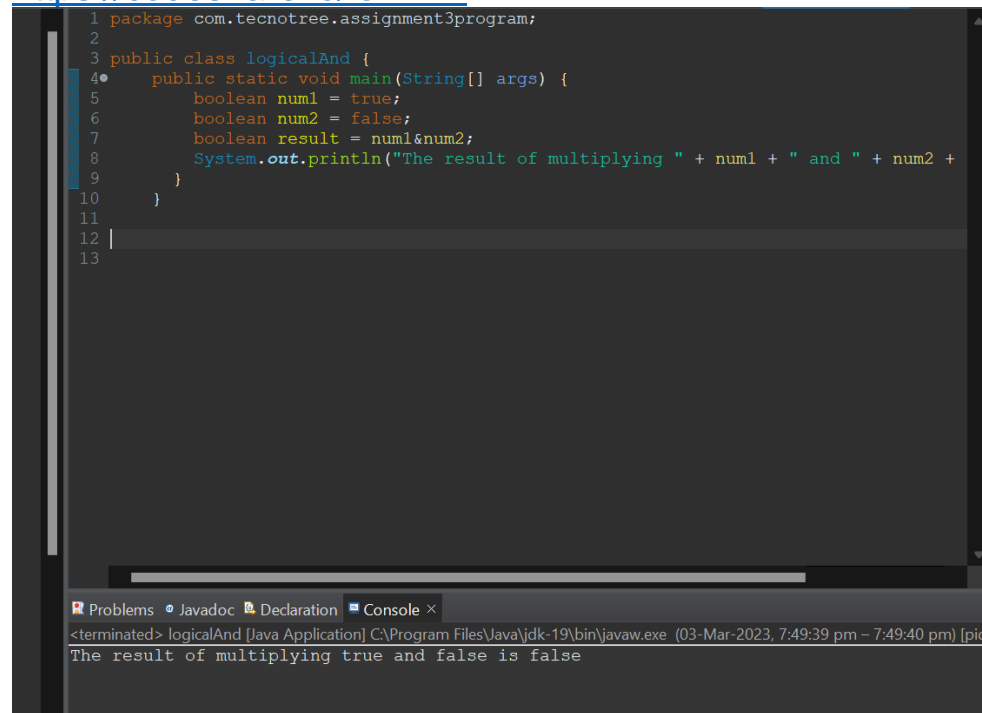
Problems Javadoc Declaration Console ×
<terminated> question2 (3) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 7:46:01 pm – 7:46:01 pm) [pid: 1219
```
The result of multiplying 2.5 and 3.8 is 9.5
```

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/lon1VZ

```java
1 package com.tecnotree.assignment3program;
2
3 public class logicalAnd {
4     public static void main(String[] args) {
5         boolean num1 = true;
6         boolean num2 = false;
7         boolean result = num1&num2;
8         System.out.println("The result of multiplying " + num1 + " and " + num2 +
9     }
10    }
11
12
13
```
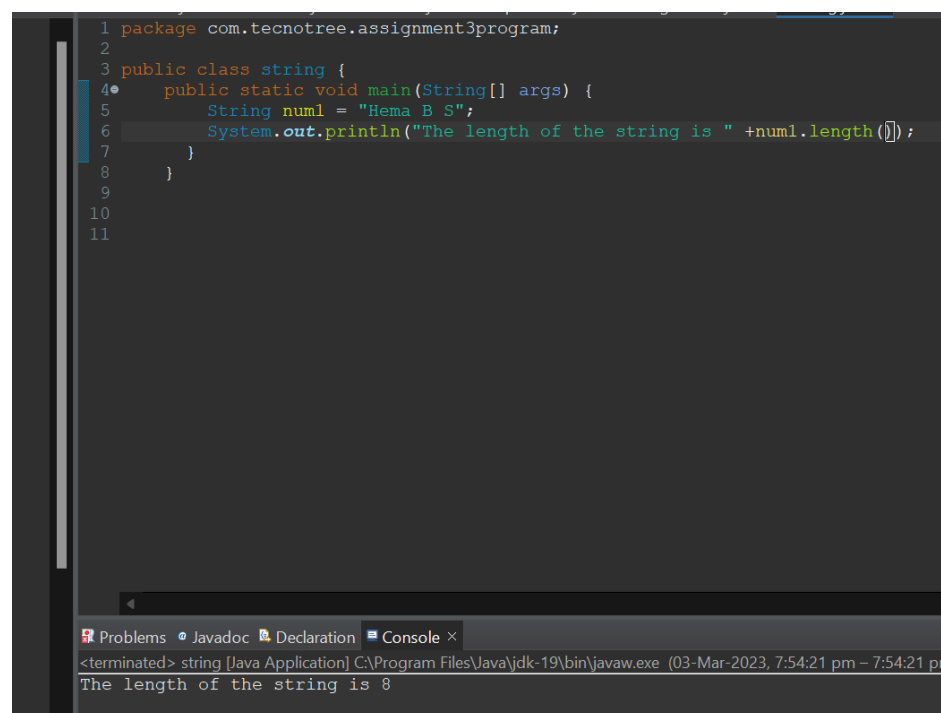
Problems Javadoc Declaration Console ×
<terminated> logicalAnd [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 7:49:39 pm – 7:49:40 pm) [pid:
The result of multiplying true and false is false

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/r9l1VK

```java
1 package com.tecnotree.assignment3program;
2
3 public class string {
4     public static void main(String[] args) {
5         String num1 = "Hema B S";
6         System.out.println("The length of the string is " +num1.length());
7     }
8    }
9
10
11
```
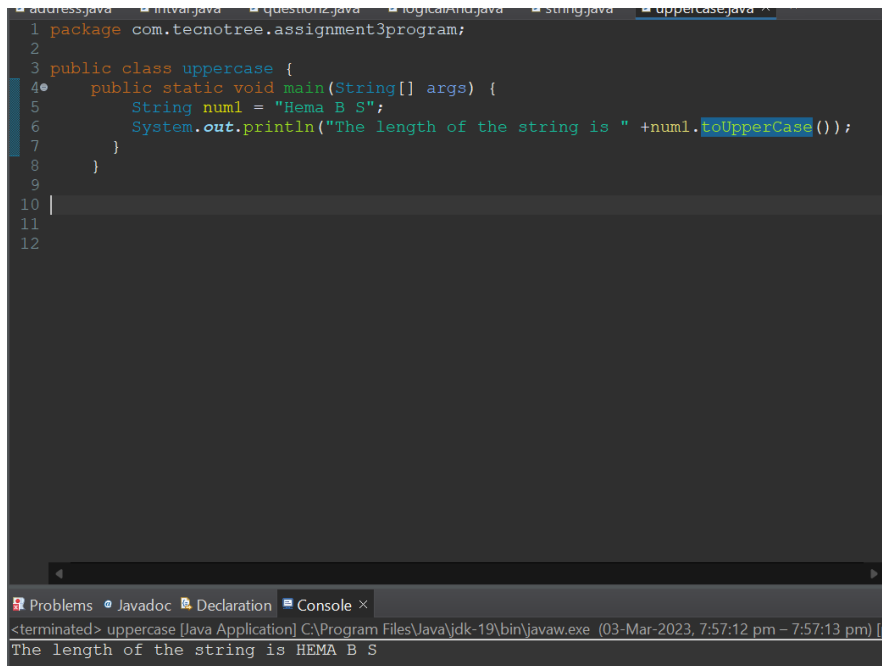
Problems Javadoc Declaration Console ×
<terminated> string [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 7:54:21 pm – 7:54:21 pm
The length of the string is 8

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.
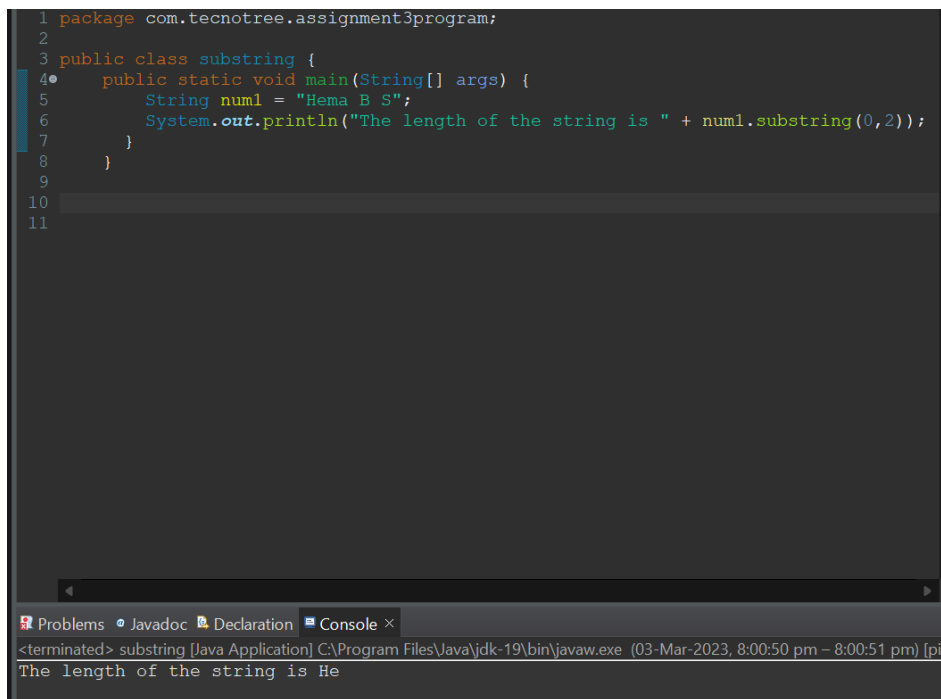
https://codeshare.io/dwQVVg

```java
1 package com.tecnotree.assignment3program;
2
3 public class uppercase {
4     public static void main(String[] args) {
5         String num1 = "Hema B S";
6         System.out.println("The length of the string is " +num1.toUpperCase());
7     }
8 }
9
10 |
11
12
```

Problems Javadoc Declaration Console ×
<terminated> uppercase [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 7:57:12 pm – 7:57:13 pm) [p
The length of the string is HEMA B S

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.
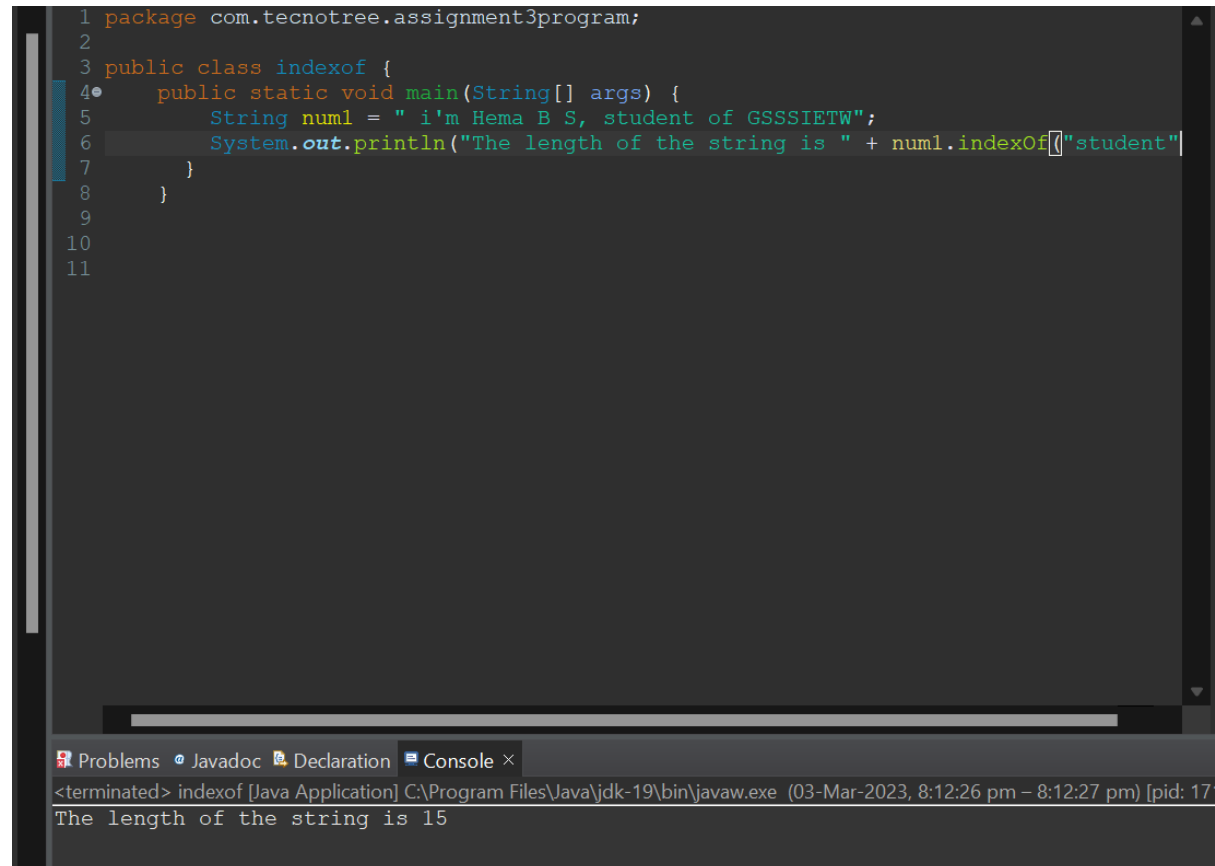
https://codeshare.io/PdEM1d

```java
1 package com.tecnotree.assignment3program;
2
3 public class substring {
4     public static void main(String[] args) {
5         String num1 = "Hema B S";
6         System.out.println("The length of the string is " + num1.substring(0,2));
7     }
8 }
9
10
11
```

Problems Javadoc Declaration Console ×
<terminated> substring [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 8:00:50 pm – 8:00:51 pm) [pi
The length of the string is He

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.
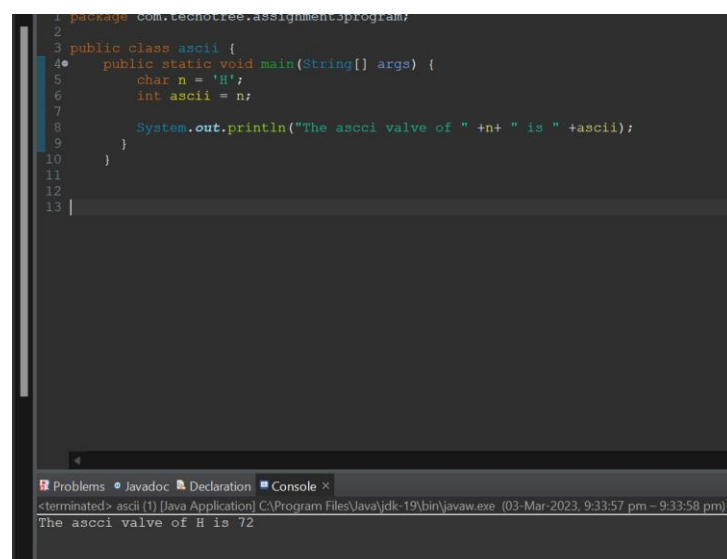
https://codeshare.io/yo0vyo

```java
1 package com.tecnotree.assignment3program;
2
3 public class indexof {
4    public static void main(String[] args) {
5        String num1 = " i'm Hema B S, student of GSSSIETW";
6        System.out.println("The length of the string is " + num1.indexOf("student"
7    }
8 }
9
10
11
```

```
Problems @ Javadoc Declaration Console ×
<terminated> indexof [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 8:12:26 pm – 8:12:27 pm) [pid: 17
The length of the string is 15
```

8. Declare a variable of type char, and assign it a value. Convert the character to its ASCII code and print out the result.
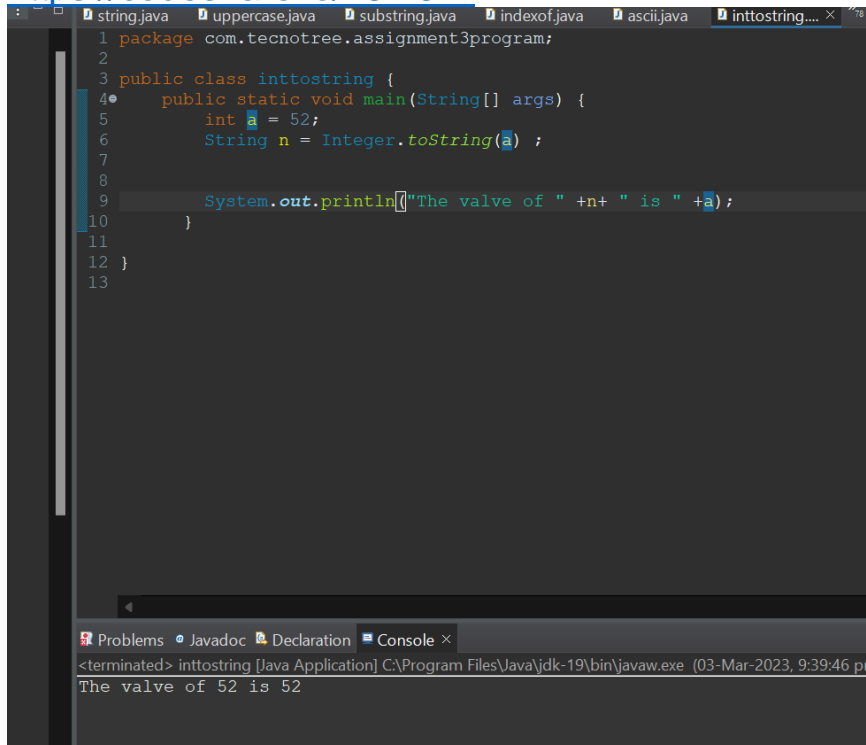
https://codeshare.io/JbM4jK

```java
1 package com.tecnotree.assignment3program;
2
3 public class ascii {
4    public static void main(String[] args) {
5        char n = 'H';
6        int ascii = n;
7
8        System.out.println("The ascci valve of " +n+ " is " +ascii);
9    }
10 }
11
12
13
```

```
Problems @ Javadoc Declaration Console ×
<terminated> ascii (1) [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 9:33:57 pm – 9:33:58 pm) [
The ascci valve of H is 72
```

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/78m6Vr
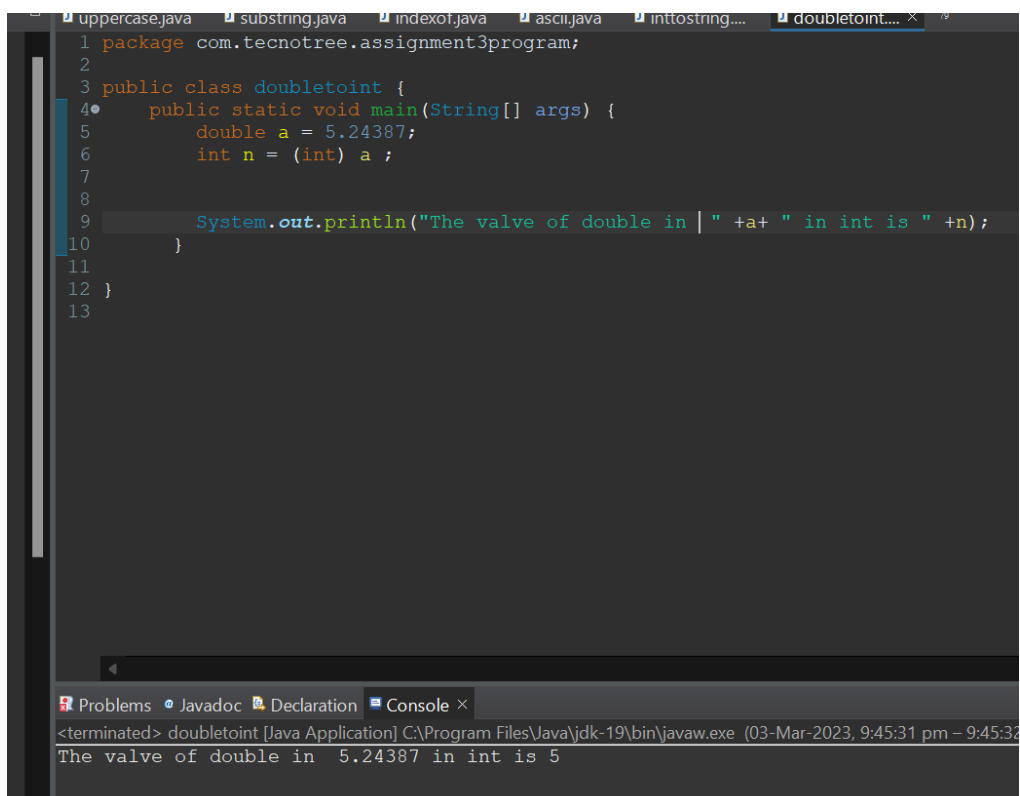
```java
package com.tecnotree.assignment3program;

public class inttostring {
    public static void main(String[] args) {
        int a = 52;
        String n = Integer.toString(a) ;


        System.out.println("The valve of " +n+ " is " +a);
    }

}
```

Problems Javadoc Declaration Console ×
<terminated> inttostring [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 9:39:46 pm
The valve of 52 is 52

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/dwQVBR

```java
package com.tecnotree.assignment3program;

public class doubletoint {
    public static void main(String[] args) {
        double a = 5.24387;
        int n = (int) a ;


        System.out.println("The valve of double in | " +a+ " in int is " +n);
    }

}
```

Problems Javadoc Declaration Console ×
<terminated> doubletoint [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (03-Mar-2023, 9:45:31 pm – 9:45:32
The valve of double in 5.24387 in int is 5