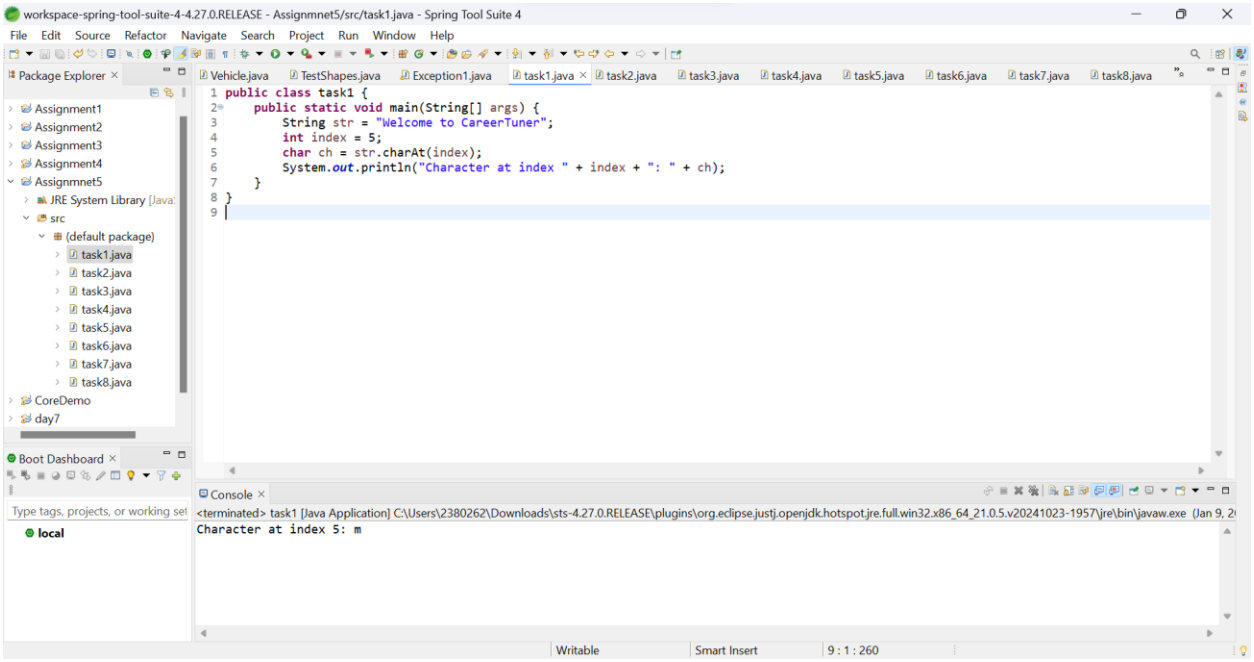
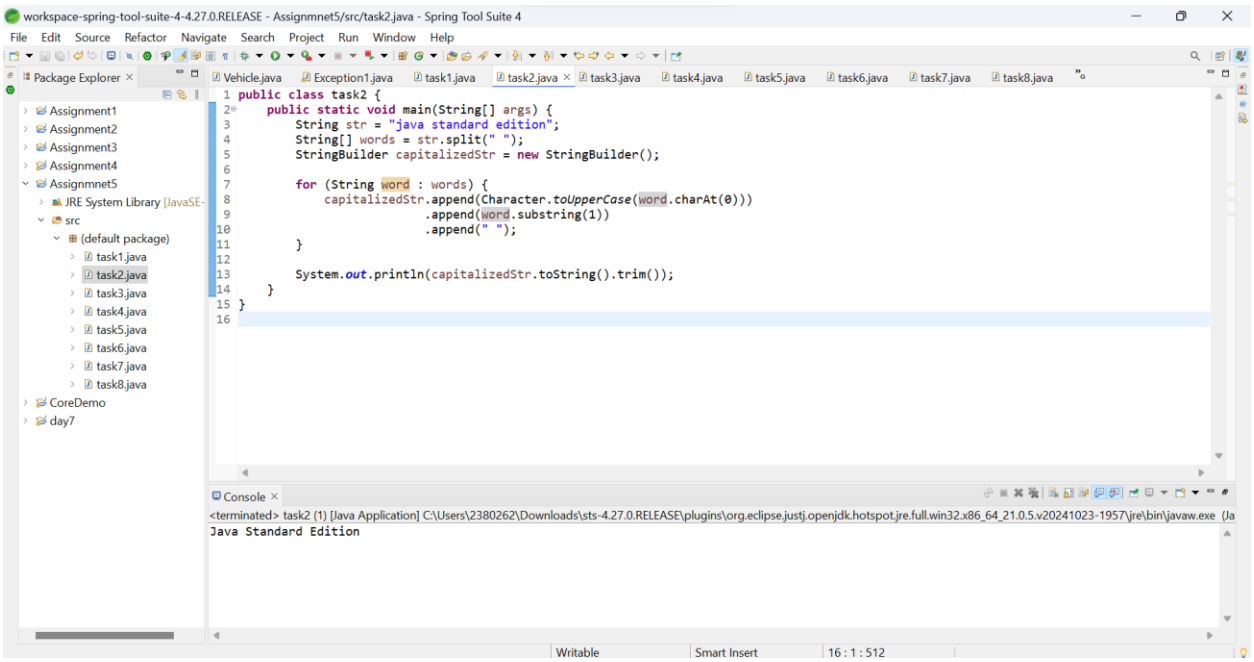
THILAK RAI - 2380262

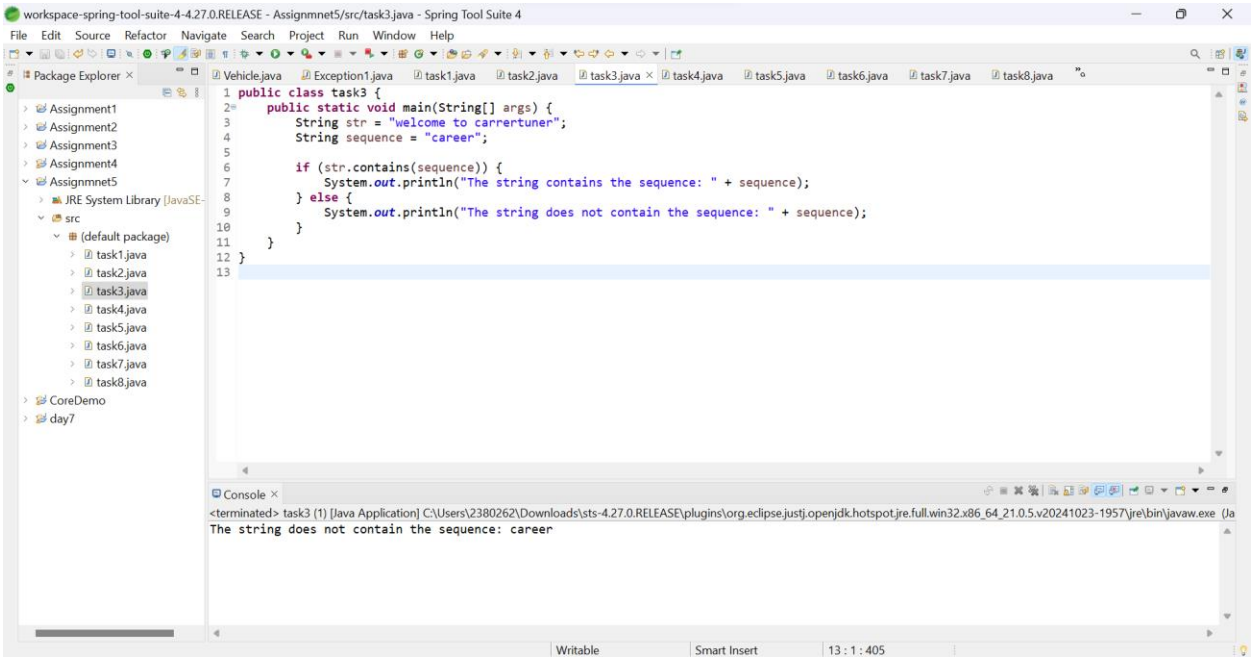
Task1:



Task2:



Task3:


workspace-spring-tool-suite-4-4.27.0.RELEASE - Assignmnet5/src/task3.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help
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Assignment1
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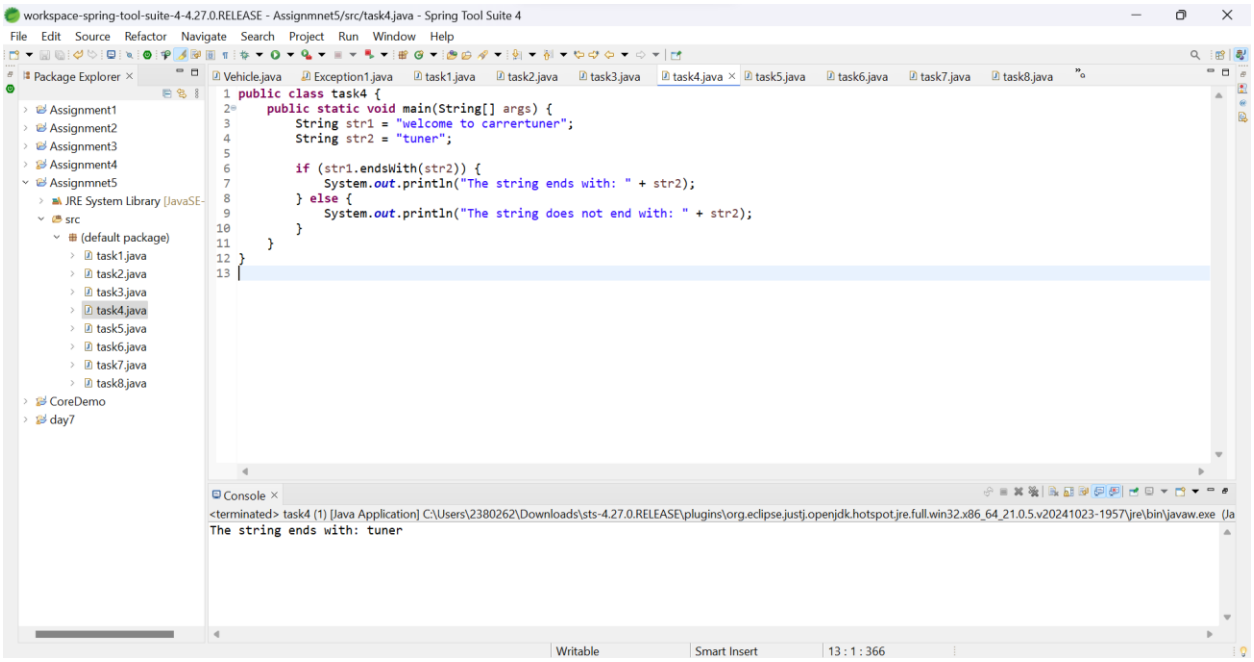
JRE System Library [JavaSE-
src
(default package)
task1.java
task2.java
task3.java
task4.java
task5.java
task6.java
task7.java
task8.java
CoreDemo
day7
Vehicle.java Exception1.java task1.java task2.java task3.java task4.java task5.java task6.java task7.java task8.java
1 public class task3 {
2 public static void main(String[] args) {
3 String str = "welcome to carrertuner";
4 String sequence = "career";
5
6 if (str.contains(sequence)) {
7 System.out.println("The string contains the sequence: " + sequence);
8 } else {
9 System.out.println("The string does not contain the sequence: " + sequence);
10 }
11 }
12 }
13
Console
<terminated> task3 (1) [Java Application] C:\Users\2380262\Downloads\sts-4.27.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.5.v20241023-1957\jre\bin\javaw.exe (Ja
The string does not contain the sequence: career
Writable
Smart Insert
13 : 1 : 405

Task4:


workspace-spring-tool-suite-4-4.27.0.RELEASE - Assignmnet5/src/task4.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Assignment1
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Assignmnet5
JRE System Library [JavaSE-
src
(default package)
task1.java
task2.java
task3.java
task4.java
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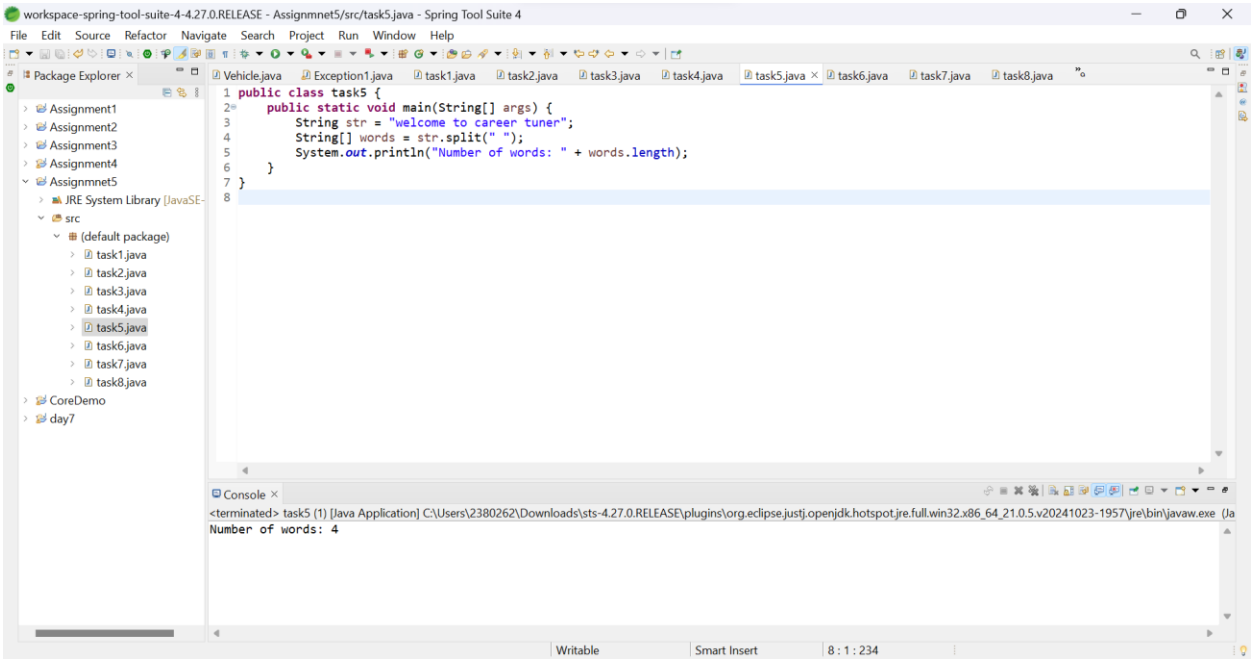
task6.java
task7.java
task8.java
CoreDemo
day7
Vehicle.java Exception1.java task1.java task2.java task3.java task4.java task5.java task6.java task7.java task8.java
1 public class task4 {
2 public static void main(String[] args) {
3 String str1 = "welcome to carrertuner";
4 String str2 = "tuner";
5
6 if (str1.endsWith(str2)) {
7 System.out.println("The string ends with: " + str2);
8 } else {
9 System.out.println("The string does not end with: " + str2);
10 }
11 }
12 }
13
Console
<terminated> task4 (1) [Java Application] C:\Users\2380262\Downloads\sts-4.27.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.5.v20241023-1957\jre\bin\javaw.exe (Ja
The string ends with: tuner
Writable
Smart Insert
13 : 1 : 366

Task5:


workspace-spring-tool-suite-4-4.27.0.RELEASE - Assignmnet5/src/task5.java - Spring Tool Suite 4
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Assignment1
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task1.java
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task4.java
task5.java
task6.java
task7.java
task8.java
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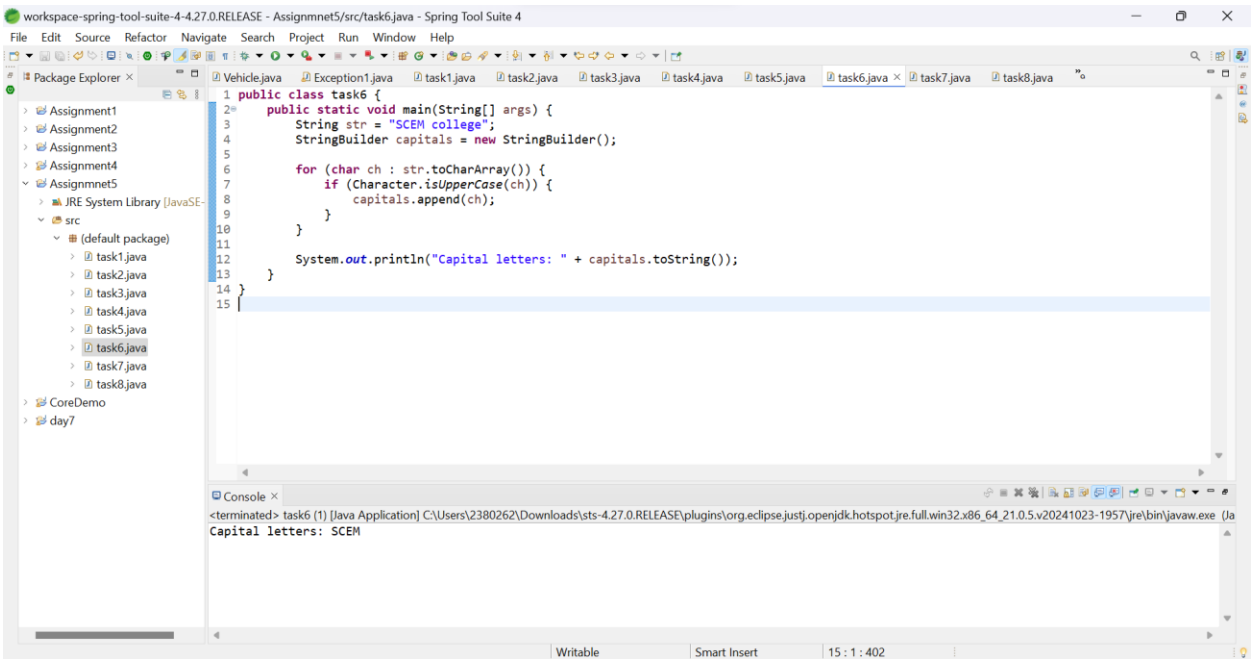
day7
Vehicle.java Exception1.java task1.java task2.java task3.java task4.java task5.java task6.java task7.java task8.java
1 public class task5 {
2 public static void main(String[] args) {
3 String str = "welcome to career tuner";
4 String[] words = str.split(" ");
5 System.out.println("Number of words: " + words.length);
6 }
7 }
8
Console
<terminated> task5 (1) [Java Application] C:\Users\2380262\Downloads\sts-4.27.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.5.v20241023-1957\jre\bin\javaw.exe (Ja
Number of words: 4
Writable
Smart Insert
8 : 1 : 234

Task6:


workspace-spring-tool-suite-4-4.27.0.RELEASE - Assignmnet5/src/task6.java - Spring Tool Suite 4
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task8.java
CoreDemo
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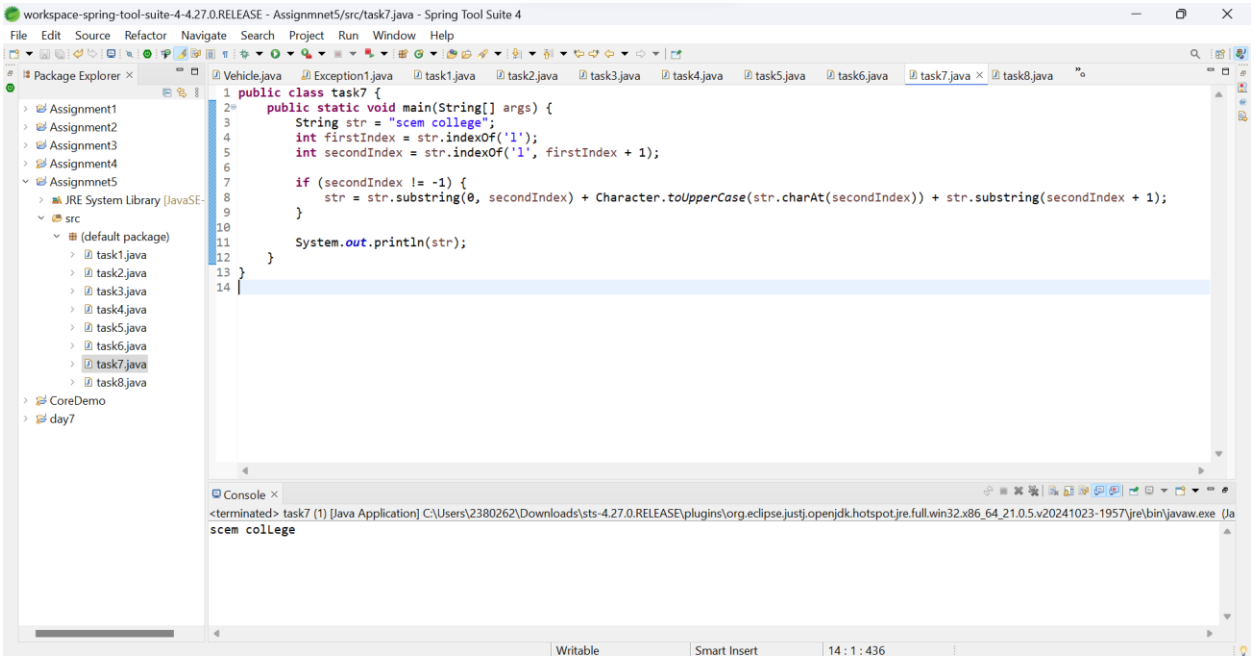
Vehicle.java Exception1.java task1.java task2.java task3.java task4.java task5.java task6.java task7.java task8.java
1 public class task6 {
2 public static void main(String[] args) {
3 String str = "SCEM college";
4 StringBuilder capitals = new StringBuilder();
5
6 for (char ch : str.toCharArray()) {
7 if (Character.isUpperCase(ch)) {
8 capitals.append(ch);
9 }
10 }
11
12 System.out.println("Capital letters: " + capitals.toString());
13 }
14 }
15
Console
<terminated> task6 (1) [Java Application] C:\Users\2380262\Downloads\sts-4.27.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.5.v20241023-1957\jre\bin\javaw.exe (Ja
Capital letters: SCEM
Writable
Smart Insert
15 : 1 : 402

Task7:


workspace-spring-tool-suite-4-4.27.0.RELEASE - Assignmnet5/src/task7.java - Spring Tool Suite 4
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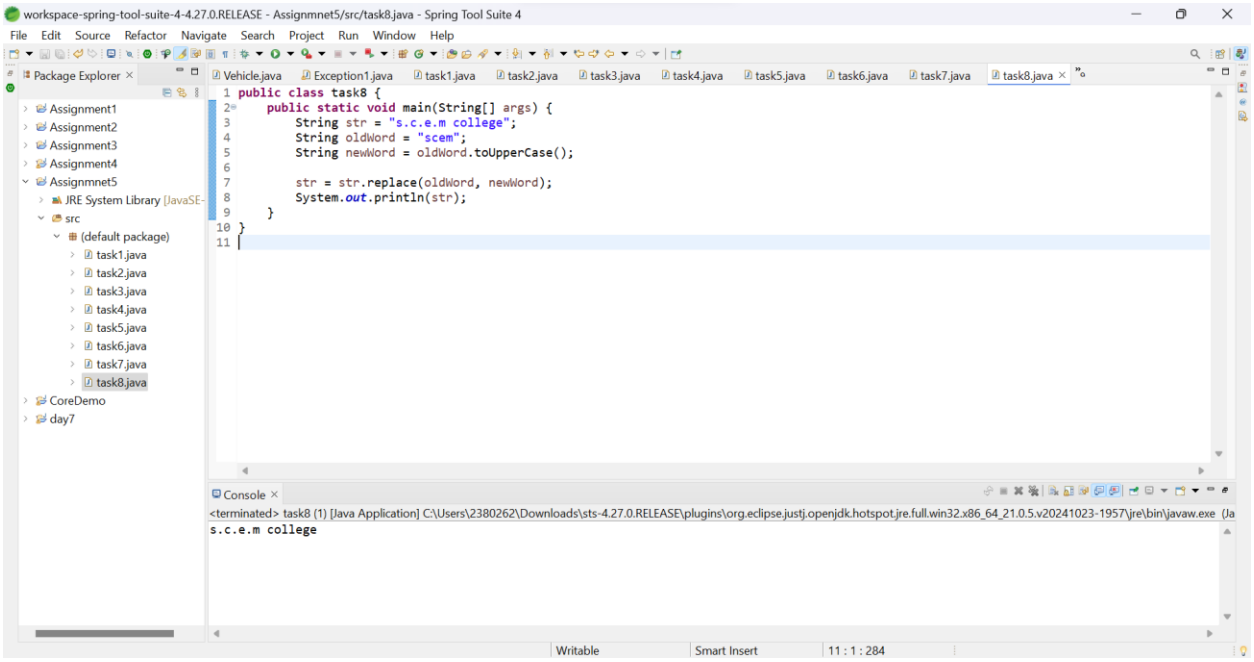
Vehicle.java Exception1.java task1.java task2.java task3.java task4.java task5.java task6.java task7.java task8.java
1 public class task7 {
2 public static void main(String[] args) {
3 String str = "scem college";
4 int firstIndex = str.indexOf('l');
5 int secondIndex = str.indexOf('l', firstIndex + 1);
6
7 if (secondIndex != -1) {
8 str = str.substring(0, secondIndex) + Character.toUpperCase(str.charAt(secondIndex)) + str.substring(secondIndex + 1);
9 }
10
11 System.out.println(str);
12 }
13 }
14
Console
<terminated> task7 (1) [Java Application] C:\Users\2380262\Downloads\sts-4.27.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.5.v20241023-1957\jre\bin\javaw.exe (Ja
scem college
Writable
Smart Insert
14 : 1 : 436

Task8:


workspace-spring-tool-suite-4-4.27.0.RELEASE - Assignmnet5/src/task8.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help
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Assignment1
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Assignment3
Assignment4
Assignmnet5
JRE System Library [JavaSE-
src
(default package)
task1.java
task2.java
task3.java
task4.java
task5.java
task6.java
task7.java
task8.java
CoreDemo
day7
Vehicle.java Exception1.java task1.java task2.java task3.java task4.java task5.java task6.java task7.java task8.java
1 public class task8 {
2 public static void main(String[] args) {
3 String str = "s.c.e.m college";
4 String oldWord = "scem";
5 String newWord = oldWord.toUpperCase();
6
7 str = str.replace(oldWord, newWord);
8 System.out.println(str);
9 }
10 }
11
Console
<terminated> task8 (1) [Java Application] C:\Users\2380262\Downloads\sts-4.27.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_21.0.5.v20241023-1957\jre\bin\javaw.exe (Ja
s.c.e.m college
Writable
Smart Insert
11 : 1 : 284