

eclipse-workspace - CDAC NOIDA PGDAI ASSIGNMENT - 7/src/Assignment\_7\_qs\_1.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer ×

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  - src
    - (default package)
      - Assignment\_7\_qs\_1.java
- JRE System Library [jre]
- ~\$CDAC NOIDA\_ PGDAI\_ MODULE 7 \_ JAVA PROGRAMMING
- CDAC NOIDA\_ PGDAI\_ MODULE 7 \_ JAVA PROGRAMMING \_

Task List ×

Find ▾ All ▾ Activate...

Outline ×

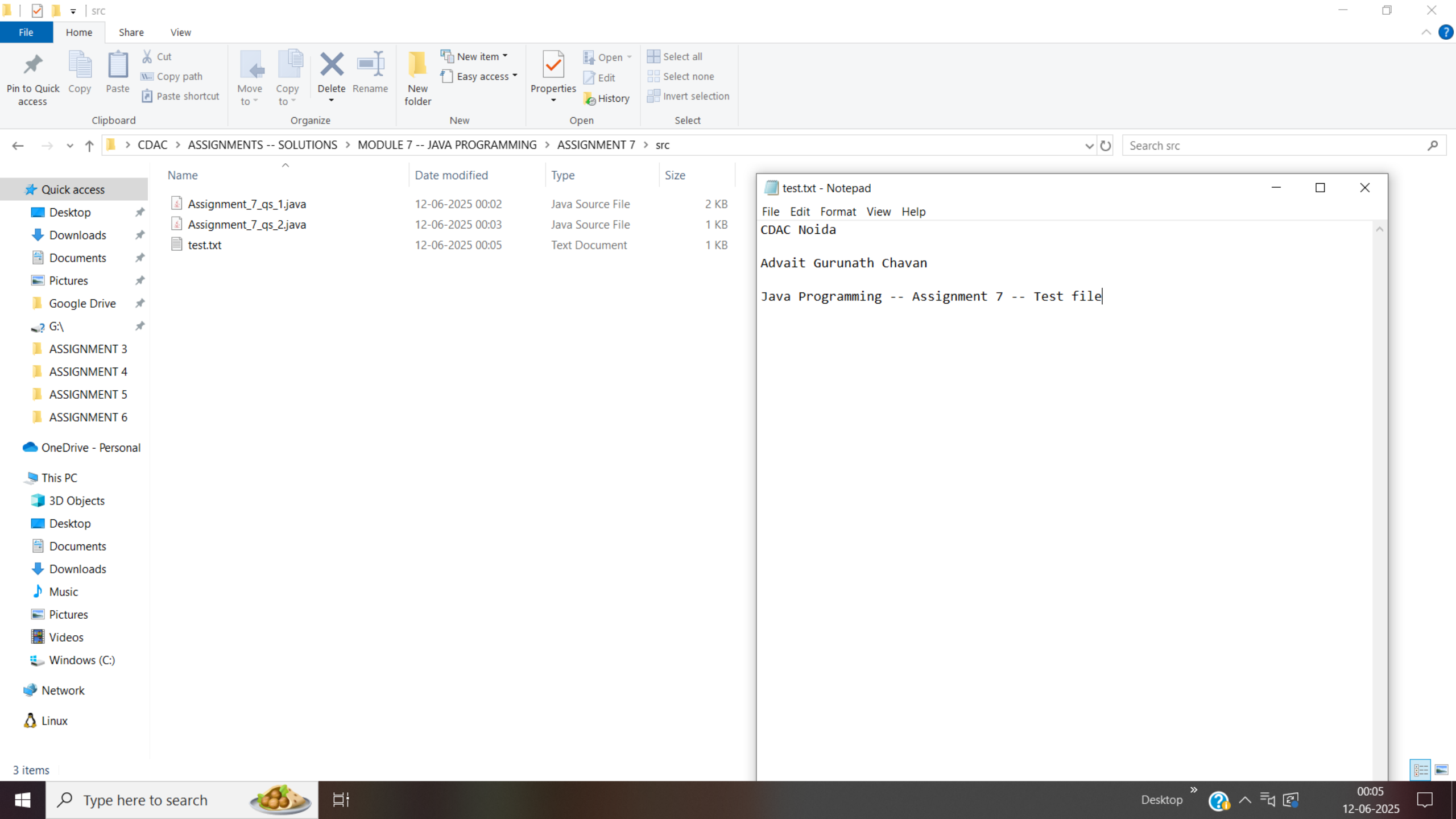
- OddNumberException
  - serialVersionUID : long
  - OddNumberException(String)
- Assignment\_7\_qs\_1

Assignment\_7\_qs\_1.java ×

```
10 private static final long serialVersionUID = -26//1809903099981/8L;
11
12 public OddNumberException(String message) {
13     super(message);
14 }
15
16
17 public class Assignment_7_qs_1 {
18
19     // Method that takes an integer and throws an exception if it is odd
20     public static void checkEven(int number) throws OddNumberException {
21         if (number % 2 != 0) {
22             throw new OddNumberException("The number " + number + " is odd.");
23         } else {
24             System.out.println("The number " + number + " is even.");
25         }
26     }
27
28     public static void main(String[] args) {
29         // Example 1: Testing with an odd number
30         try {
31             checkEven(3);
32         } catch (OddNumberException e) {
33             System.err.println("Caught exception: " + e.getMessage());
34         }
35
36         // Example 2: Testing with an even number
37         try {
38             checkEven(4);
39         } catch (OddNumberException e) {
40             System.err.println("Caught exception: " + e.getMessage());
41         }
42     }
43 }
44
```

Problems @ Javadoc Console ×

<terminated> Assignment\_7\_qs\_1 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-  
Caught exception: The number 3 is odd.  
The number 4 is even.



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Organize

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Easy access

New folder

New

Properties

Open

Open

Edit

History

Open

Select all

Select none

Invert selection

Select

←→↓↑

CDAC > ASSIGNMENTS -- SOLUTIONS > MODULE 7 -- JAVA PROGRAMMING > ASSIGNMENT 7 > src

Search src

Quick access

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G:\

ASSIGNMENT 3

ASSIGNMENT 4

ASSIGNMENT 5

ASSIGNMENT 6

OneDrive - Personal

This PC

3D Objects

Desktop

Documents

Downloads

Music

Pictures

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Windows (C:)

Network

Linux

Name	Date modified	Type	Size
Assignment_7_qs_1.java	12-06-2025 00:02	Java Source File	2 KB
Assignment_7_qs_2.java	12-06-2025 00:03	Java Source File	1 KB
test.txt	12-06-2025 00:05	Text Document	1 KB

test.txt - Notepad

File Edit Format View Help

CDAC Noida

Advait Gurunath Chavan

Java Programming -- Assignment 7 -- Test file

3 items

Type here to search

Desktop

00:05 12-06-2025

eclipse-workspace - CDAC NOIDA PGDAI ASSIGNMENT - 7/src/Assignment\_7\_qs\_2.java - Eclipse IDE

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Task List

Find

Outline

- EmptyFileException
- Assignment\_7\_qs\_2
  - checkEmptyFile(String) : void
  - main(String[]) : void

```
17 // Method that checks if the file is empty and reads it if not
18 public static void checkEmptyFile(String filePath) throws EmptyFileException, IOException {
19     File file = new File(filePath);
20
21     // Check if the file is empty using its length
22     if (file.length() == 0) {
23         throw new EmptyFileException("The file '" + filePath + "' is empty.");
24     }
25
26     // If not empty, read and print the content
27     BufferedReader reader = new BufferedReader(new FileReader(file));
28     String line;
29     while ((line = reader.readLine()) != null) {
30         System.out.println(line);
31     }
32     reader.close();
33 }
34
35 public static void main(String[] args) {
36     String filePath = "C:\\Users\\Advait\\Desktop\\CDAC\\ASSIGNMENTS -- SOLUTIONS\\"
37         + "MODULE 7 -- JAVA PROGRAMMING\\ASSIGNMENT 7\\src\\test.txt";
38
39     try {
40         checkEmptyFile(filePath);
41     } catch (EmptyFileException e) {
42         System.err.println("EmptyFileException: " + e.getMessage());
43     } catch (IOException e) {
44         System.err.println("IOException: " + e.getMessage());
45     }
46 }
47 }
48
```

Problems @ Javadoc Console

<terminated> Assignment\_7\_qs\_2 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-  
CDAC Noida

Advait Gurunath Chavan

Java Programming -- Assignment 7 -- Test file

Package Explorer

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src

(default package)

Assignment\_7\_qs\_1.java

Assignment\_7\_qs\_2.java

Assignment\_7\_qs\_3.java

JRE System Library [jre]

~\$CDAC NOIDA\_\_ PGDAI\_\_ MODULE 7 \_\_ JAVA PROGRAMMING

CDAC NOIDA\_\_ PGDAI\_\_ MODULE 7 \_\_ JAVA PROGRAMMING

Assignment\_7\_qs\_3.java

```
13 public class Assignment_7_qs_3 {
14
15     // Method to check if a string contains vowels
16     public static void checkStringForVowels(String input) throws NoVowelException {
17         // Regular expression to check for vowels (case insensitive)
18         if (!input.toLowerCase().matches(".*[aeiou].*")) {
19             throw new NoVowelException("The string '" + input + "' does not contain any vowels.");
20         }
21         System.out.println("The string '" + input + "' contains at least one vowel.");
22     }
23
24     public static void main(String[] args) {
25         String testString1 = "Cdac Noida";
26         String testString2 = "Advait Chavan";
27         String testString3 = "JV prg";
28
29         try {
30             checkStringForVowels(testString1);
31         } catch (NoVowelException e) {
32             System.err.println("Error: " + e.getMessage());
33         }
34
35         try {
36             checkStringForVowels(testString2);
37         } catch (NoVowelException e) {}
38         System.err.println("Error: " + e.getMessage());
39
40         try {
41             checkStringForVowels(testString3);
42         } catch (NoVowelException e) {
43             System.err.println("Error: " + e.getMessage());
44         }
45     }
46 }
```

Task List

Find

All

Activate...

Outline

NoVowelException

Assignment\_7\_qs\_3

checkStringForVowels(String) : void

main(String[]) : void

Problems

Javadoc

Console

<terminated> Assignment\_7\_qs\_3 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-l

The string 'Cdac Noida' contains at least one vowel.

The string 'Advait Chavan' contains at least one vowel.

Error: The string 'JV prg' does not contain any vowels.

Writable

Smart Insert

37 : 39 : 1337

00:12

12-06-2025

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Package Explorer

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src

(default package)

Assignment\_7\_qs\_1.java

Assignment\_7\_qs\_2.java

Assignment\_7\_qs\_3.java

Assignment\_7\_qs\_4.java

JRE System Library [jre]

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CDAC NOIDA\_ PGDAI\_ MODULE 7 \_\_ JAVA PROGRAMMING

Assignment\_7\_qs\_1.java

Assignment\_7\_qs\_2.java

Assignment\_7\_qs\_3.java

Assignment\_7\_qs\_4.java

```
8
9 // Method that reads a file and throws an exception if the file is not found
10 public static void readFile(String filePath) throws FileNotFoundException, IOException {
11     File file = new File(filePath);
12
13     // Check if the file exists before trying to read it
14     if (!file.exists()) {
15         throw new FileNotFoundException("File not found: " + filePath);
16     }
17
18     // Read and display the file content
19     BufferedReader reader = new BufferedReader(new FileReader(file));
20     String line;
21     while ((line = reader.readLine()) != null) {
22         System.out.println(line);
23     }
24     reader.close();
25 }
26
27 public static void main(String[] args) {
28     String filePath = "C:\\Users\\Advait\\Desktop\\CDAC\\ASSIGNMENTS -- SOLUTIONS\\"
29         + "MODULE 7 -- JAVA PROGRAMMING\\ASSIGNMENT 7\\src\\test.txt";
30
31     try {
32         readFile(filePath);
33     } catch (FileNotFoundException e) {
34         System.err.println("FileNotFoundException: " + e.getMessage());
35     } catch (IOException e) {
36         System.err.println("IOException: " + e.getMessage());
37     }
38 }
39 }
```

Task List

Find All Activate...

Outline

Assignment\_7\_qs\_4

readFile(String) : void

main(String[]) : void

Problems @ Javadoc Console

<terminated> Assignment\_7\_qs\_4 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-

CDAC Noida

Advait Gurunath Chavan

Java Programming -- Assignment 7 -- Test file

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Assignment\_7\_qs\_1.java Assignment\_7\_qs\_2.java Assignment\_7\_qs\_3.java Assignment\_7\_qs\_4.java ×

```
8
9 // Method that reads a file and throws an exception if the file is not found
10 public static void readFile(String filePath) throws FileNotFoundException, IOException {
11     File file = new File(filePath);
12
13     // Check if the file exists before trying to read it
14     if (!file.exists()) {
15         throw new FileNotFoundException("File not found: " + filePath);
16     }
17
18     // Read and display the file content
19     BufferedReader reader = new BufferedReader(new FileReader(file));
20     String line;
21     while ((line = reader.readLine()) != null) {
22         System.out.println(line);
23     }
24     reader.close();
25 }
26
27 public static void main(String[] args) {
28     String filePath = "C:\\Users\\Advait\\Desktop\\CDAC\\ASSIGNMENTS -- SOLUTIONS\\"
29     + "MODULE 7 -- JAVA PROGRAMMING\\ASSIGNMENT 7\\src\\test_1.txt";
30
31     try {
32         readFile(filePath);
33     } catch (FileNotFoundException e) {
34         System.err.println("FileNotFoundException: " + e.getMessage());
35     } catch (IOException e) {
36         System.err.println("IOException: " + e.getMessage());
37     }
38 }
39 }
```

Task List ×

Find ▾ All ▾ Activate...

Outline ×

- Assignment\_7\_qs\_4
  - readFile(String) : void
  - main(String[]) : void

Problems @ Javadoc Console ×

<terminated> Assignment\_7\_qs\_4 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-

FileNotFoundException: File not found: C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 7 -- JAVA PROGRAMMING\ASSIGNMENT 7\src\test\_1.txt

eclipse-workspace - CDAC NOIDA PGDAI ASSIGNMENT - 7/src/Assignment\_7\_qs\_5.java - Eclipse IDE

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      - Assignment\_7\_qs\_5.java
- JRE System Library [jre]
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- CDAC NOIDA\_ PGDAI\_ MODULE 7 \_ JAVA PROGRAMMING

Task List ×

Find ▾ All ▾ Activate...

Outline ×

- > DuplicateNumberException
- > Assignment\_7\_qs\_5

```
18 public static void main(String[] args) {
19     Scanner scanner = new Scanner(System.in);
20
21     try {
22         System.out.print("Enter the number of integers: ");
23         int count = scanner.nextInt();
24
25         Set<Integer> uniqueNumbers = new HashSet<>();
26
27         System.out.println("Enter " + count + " integers:");
28         for (int i = 0; i < count; i++) {
29             int number = scanner.nextInt();
30             if (uniqueNumbers.contains(number)) {
31                 throw new DuplicateNumberException("Duplicate number found: " + number);
32             }
33             uniqueNumbers.add(number);
34         }
35         System.out.println("All numbers entered are unique.");
36     } catch (DuplicateNumberException e) {
37         System.err.println("Exception: " + e.getMessage());
38     } catch (Exception e) {
39         System.err.println("Input error: " + e.getMessage());
40     }
```

Problems @ Javadoc Console ×

<terminated> Assignment\_7\_qs\_5 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-

Enter the number of integers:  
12  
Enter 12 integers:  
2  
23  
89  
56  
54  
45  
4854  
4545  
454  
565  
5  
59  
All numbers entered are unique.



eclipse-workspace - CDAC NOIDA PGDAI ASSIGNMENT - 7/src/Assignment\_7\_qs\_5.java - Eclipse IDE

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- JRE System Library [jre]
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Assignment\_7\_qs\_5.java

```
18 public static void main(String[] args) {
19     Scanner scanner = new Scanner(System.in);
20
21     try {
22         System.out.print("Enter the number of integers: ");
23         int count = scanner.nextInt();
24
25         Set<Integer> uniqueNumbers = new HashSet<>();
26
27         System.out.println("Enter " + count + " integers:");
28         for (int i = 0; i < count; i++) {
29             int number = scanner.nextInt();
30             if (uniqueNumbers.contains(number)) {
31                 throw new DuplicateNumberException("Duplicate number found: " + number);
32             }
33             uniqueNumbers.add(number);
34         }
35         System.out.println("All numbers entered are unique.");
36     } catch (DuplicateNumberException e) {
37         System.err.println("Exception: " + e.getMessage());
38     } catch (Exception e) {
39         System.err.println("Input error: " + e.getMessage());
40     }
```

Task List ×

Find ▾ All ▾ Activate...

Outline ×

- > DuplicateNumberException
- > Assignment\_7\_qs\_5

Problems @ Javadoc Console ×

<terminated> Assignment\_7\_qs\_5 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-

Enter the number of integers: 5

Enter 5 integers:

11

22

33

44

33

Exception: Duplicate number found: 33



eclipse-workspace - CDAC NOIDA PGDAI ASSIGNMENT - 7/src/Assignment\_7\_qs\_6.java - Eclipse IDE

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Assignment\_... Assignment\_... Assignment\_... Assignment\_... Assignment\_...

```
1 // Name : ADVAIT GURUNATH CHAVAN
2 // Email ID : advaitchavan135@gmail.com
3 // CDAC NOIDA JAVA PROGRAMMING Assignment 7 - Question - 6
4
5 public class Assignment_7_qs_6 {
6     public static void main(String[] args) {
7         try {
8             System.out.println("About to throw an exception deliberately.");
9             // Deliberately throw an exception
10            throw new Exception("This is a deliberately thrown exception.");
11        } catch (Exception e) {
12            System.err.println("Caught Exception: " + e.getMessage());
13        }
14
15        System.out.println("Program continues after handling the exception.");
16    }
17 }
18
```

Task List ×

Find ▾ All ▾ Activate...

Outline ×

- Assignment\_7\_qs\_6

Problems × Javadoc × Console ×

<terminated> Assignment\_7\_qs\_6 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-  
About to throw an exception deliberately.  
Caught Exception: This is a deliberately thrown exception.  
Program continues after handling the exception.

eclipse-workspace - CDAC NOIDA PGDAI ASSIGNMENT - 7/src/Assignment\_7\_qs\_7.java - Eclipse IDE

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Assignment\_... Assignment\_... Assignment\_... Assignment\_... Assignment\_... × 2

```
4
5 public class Assignment_7_qs_7 {
6
7     public static String reverseWords(String sentence) {
8         String[] words = sentence.split("\\s+");
9         StringBuilder result = new StringBuilder();
10
11         for (String word : words) {
12             // If the word length is greater than 3, reverse it.
13             if (word.length() > 3) {
14                 String reversed = new StringBuilder(word).reverse().toString();
15                 result.append(reversed);
16             } else {
17                 result.append(word);
18             }
19             result.append(" ");
20         }
21         return result.toString().trim();
22     }
23
24     public static void main(String[] args) {
25         String input = "This program reverses words longer than three";
26         System.out.println("Original: " + input);
27         System.out.println("Modified: " + reverseWords(input));
28     }
29 }
30
```

Task List ×

Find ▾ All ▾ Activate...

Outline ×

- Assignment\_7\_qs\_7

Problems × Javadoc Console ×

<terminated> Assignment\_7\_qs\_7 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-  
Original: This program reverses words longer than three  
Modified: sihT margorp sesrever sdrow regnol naht eerht

eclipse-workspace - CDAC NOIDA PGDAI ASSIGNMENT - 7/src/Assignment\_7\_qs\_8.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer ×

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      - Assignment\_7\_qs\_6.java
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      - Assignment\_7\_qs\_8.java
- JRE System Library [jre]
- ~\$CDAC NOIDA\_ PGDAI\_ MODULE 7 \_\_ JAVA PROGRAMMING
- CDAC NOIDA\_ PGDAI\_ MODULE 7 \_\_ JAVA PROGRAMMING

Assignment\_... Assignment\_... Assignment\_... Assignment\_... Assignment\_... ×

```
1 // Name : ADVAIT GURUNATH CHAVAN
2 // Email ID : advaitchavan135@gmail.com
3 // CDAC NOIDA JAVA PROGRAMMING Assignment 7 - Question - 8
4
5 public class Assignment_7_qs_8 {
6     public static void main(String[] args) {
7         String input = "3May2001";
8         int specificNumber = 3;
9
10        // Convert the number to a string for comparison.
11        String prefix = String.valueOf(specificNumber);
12
13        if (input.startsWith(prefix)) {
14            System.out.println("The string starts with the number " + specificNumber + ".");
15        } else {
16            System.out.println("The string does not start with the number " + specificNumber + ".");
17        }
18    }
19 }
20
```

Task List ×

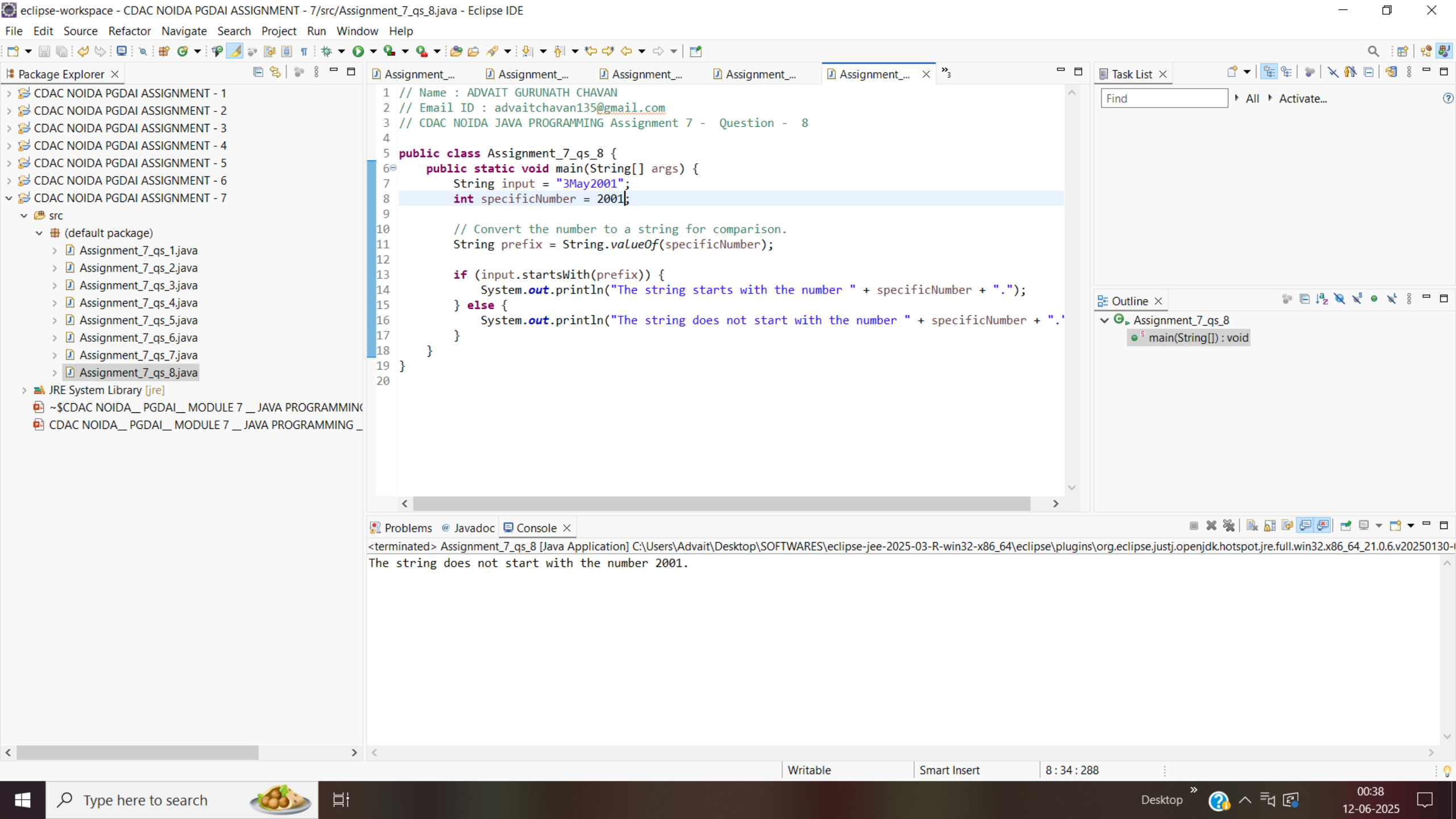
Find ▾ All ▾ Activate...

Outline ×

- Assignment\_7\_qs\_8
  - main(String[]) : void

Problems @ Javadoc Console ×

<terminated> Assignment\_7\_qs\_8 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-  
The string starts with the number 3.



eclipse-workspace - CDAC NOIDA PGDAI ASSIGNMENT - 7/src/Assignment\_7\_qs\_9.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer ×

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- CDAC NOIDA PGDAI ASSIGNMENT - 4
- CDAC NOIDA PGDAI ASSIGNMENT - 5
- CDAC NOIDA PGDAI ASSIGNMENT - 6
- CDAC NOIDA PGDAI ASSIGNMENT - 7
  - src
    - (default package)
      - Assignment\_7\_qs\_1.java
      - Assignment\_7\_qs\_2.java
      - Assignment\_7\_qs\_3.java
      - Assignment\_7\_qs\_4.java
      - Assignment\_7\_qs\_5.java
      - Assignment\_7\_qs\_6.java
      - Assignment\_7\_qs\_7.java
      - Assignment\_7\_qs\_8.java
      - Assignment\_7\_qs\_9.java
- JRE System Library [jre]
- ~\$CDAC NOIDA\_ PGDAI\_ MODULE 7 \_ JAVA PROGRAMMING
- CDAC NOIDA\_ PGDAI\_ MODULE 7 \_ JAVA PROGRAMMING

Assignment\_... Assignment\_... Assignment\_... Assignment\_... Assignment\_... × 4

```
2 // Email ID : advaitchavan135@gmail.com
3 // CDAC NOIDA JAVA PROGRAMMING Assignment 7 - Question - 9
4
5 public class Assignment_7_qs_9 {
6
7     public static String removeLeadingZeros(String ip) {
8         String[] parts = ip.split("\\.");
9         StringBuilder formattedIP = new StringBuilder();
10
11         for (int i = 0; i < parts.length; i++) {
12             // Parsing to int removes any leading zeros.
13             int num = Integer.parseInt(parts[i]);
14             formattedIP.append(num);
15             if (i < parts.length - 1) {
16                 formattedIP.append(".");
17             }
18         }
19         return formattedIP.toString();
20     }
21
22     public static void main(String[] args) {
23         String ip = "001.010.000.255";
24         System.out.println("Original IP: " + ip);
25         System.out.println("Formatted IP: " + removeLeadingZeros(ip));
26     }
27 }
28
```

Task List ×

Find ▾ All ▾ Activate...

Outline ×

- Assignment\_7\_qs\_9

Problems × Javadoc × Console ×

<terminated> Assignment\_7\_qs\_9 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130-  
Original IP: 001.010.000.255  
Formatted IP: 1.10.0.255

eclipse-workspace - CDAC NOIDA PGDAI ASSIGNMENT - 7/src/Assignment\_7\_qs\_10.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer ×

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- > CDAC NOIDA PGDAI ASSIGNMENT - 4
- > CDAC NOIDA PGDAI ASSIGNMENT - 5
- > CDAC NOIDA PGDAI ASSIGNMENT - 6
- > CDAC NOIDA PGDAI ASSIGNMENT - 7
  - src
    - (default package)
      - Assignment\_7\_qs\_1.java
      - Assignment\_7\_qs\_10.java
      - Assignment\_7\_qs\_2.java
      - Assignment\_7\_qs\_3.java
      - Assignment\_7\_qs\_4.java
      - Assignment\_7\_qs\_5.java
      - Assignment\_7\_qs\_6.java
      - Assignment\_7\_qs\_7.java
      - Assignment\_7\_qs\_8.java
      - Assignment\_7\_qs\_9.java
- > JRE System Library [jre]
  - ~\$CDAC NOIDA\_\_ PGDAI\_\_ MODULE 7 \_\_ JAVA PROGRAMMING
  - CDAC NOIDA\_\_ PGDAI\_\_ MODULE 7 \_\_ JAVA PROGRAMMING

Assignment\_... Assignment\_... Assignment\_... Assignment\_... Assignment\_... × »

```
1 // Name : ADVAIT GURUNATH CHAVAN
2 // Email ID : advaitchavan135@gmail.com
3 // CDAC NOIDA JAVA PROGRAMMING Assignment 7 - Question - 10
4
5 public class Assignment_7_qs_10 {
6
7     public static boolean isValidPIN(String pin) {
8         // Regex that allows for exactly 4, 6 or 8 digits.
9         return pin.matches("\\d{4}|\\d{6}|\\d{8}");
10    }
11
12    public static void main(String[] args) {
13        String[] testPins = {"1234", "123456", "12345678", "12345", "12a4"};
14
15        for (String pin : testPins) {
16            System.out.println("PIN " + pin + " valid? " + isValidPIN(pin));
17        }
18    }
19 }
20
```

Task List ×

Find ▾ All ▾ Activate... ?

Outline ×

- > Assignment\_7\_qs\_10

Problems @ Javadoc Console ×

<terminated> Assignment\_7\_qs\_10 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130

```
PIN 1234 valid? true
PIN 123456 valid? true
PIN 12345678 valid? true
PIN 12345 valid? false
PIN 12a4 valid? false
```

File

Edit

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Package Explorer

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CDAC NOIDA PGDAI ASSIGNMENT - 5

CDAC NOIDA PGDAI ASSIGNMENT - 6

CDAC NOIDA PGDAI ASSIGNMENT - 7

src

(default package)

Assignment\_7\_qs\_1.java

Assignment\_7\_qs\_10.java

Assignment\_7\_qs\_11.java

Assignment\_7\_qs\_2.java

Assignment\_7\_qs\_3.java

Assignment\_7\_qs\_4.java

Assignment\_7\_qs\_5.java

Assignment\_7\_qs\_6.java

Assignment\_7\_qs\_7.java

Assignment\_7\_qs\_8.java

Assignment\_7\_qs\_9.java

JRE System Library [jre]

~\$CDAC NOIDA\_\_PGDAI\_\_MODULE 7 \_\_JAVA PROGRAMMING

CDAC NOIDA\_\_PGDAI\_\_MODULE 7 \_\_JAVA PROGRAMMING

Assignment\_...

Assignment\_...

Assignment\_...

Assignment\_...

Assignment\_...

Task List

Find

All

Activate...

Outline

Assignment\_7\_qs\_11

separate(String) : void

main(String[]) : void

Problems

Javadoc

Console

<terminated> Assignment\_7\_qs\_11 [Java Application] C:\Users\Advait\Desktop\SOFTWARES\eclipse-jee-2025-03-R-win32-x86\_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86\_64\_21.0.6.v20250130

Input string: Advait Gurnath Chavan, Cdac Noida

Vowels: Aaiuuaaaaoia

Consonants: dvtGrnthChvnCdcNd

Writable

Smart Insert

28 : 59 : 1020

00:45

12-06-2025