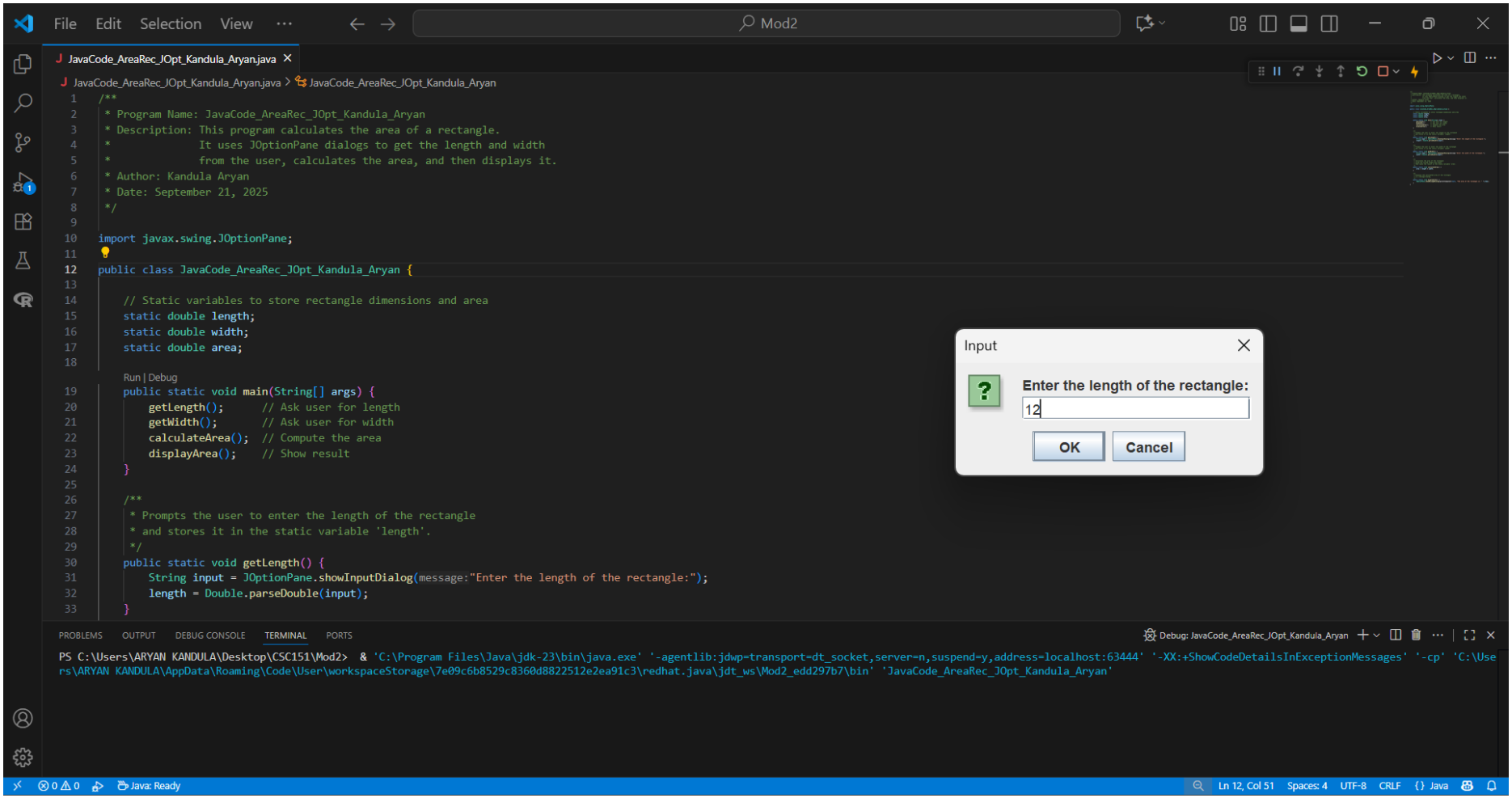
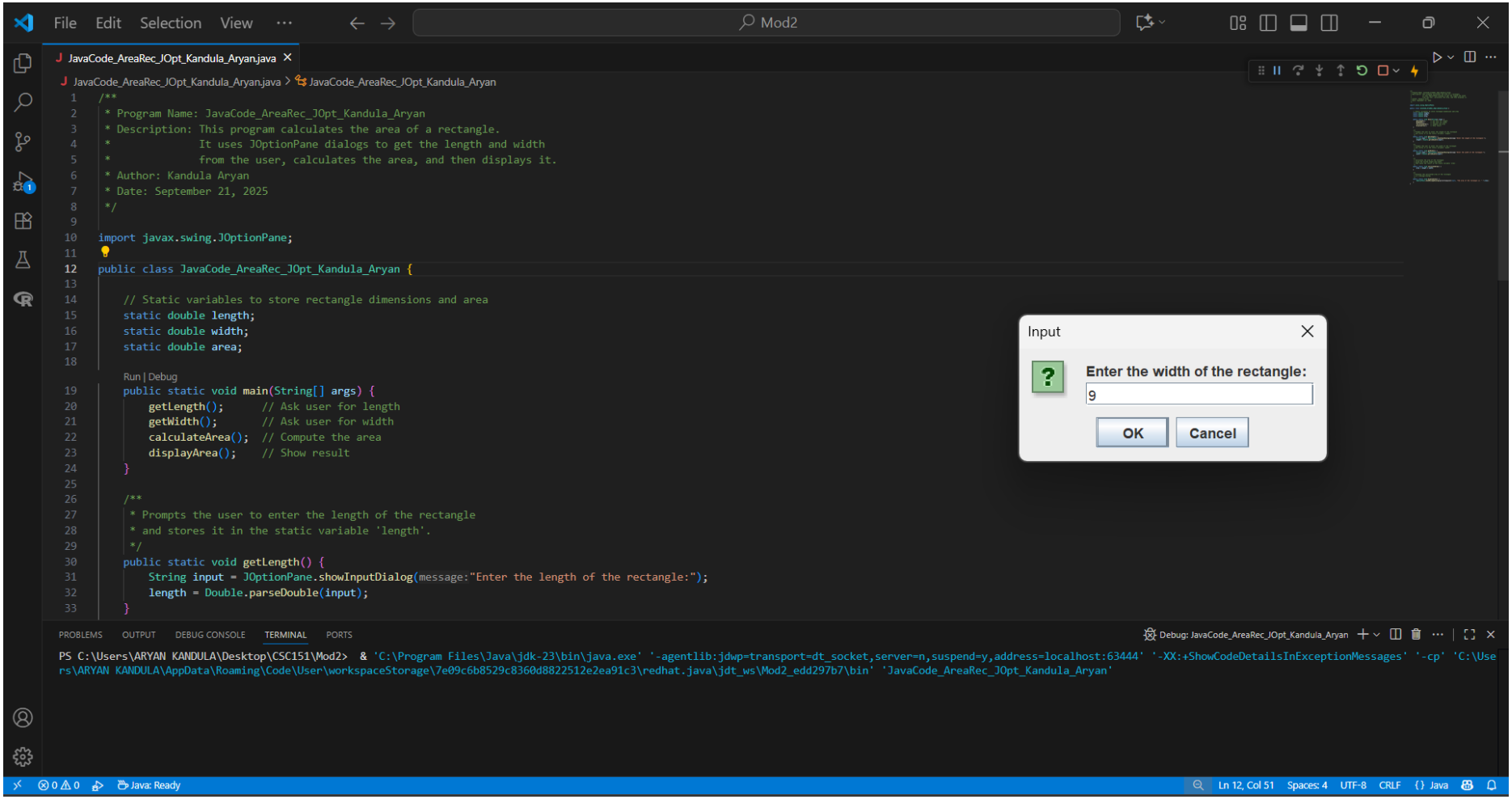
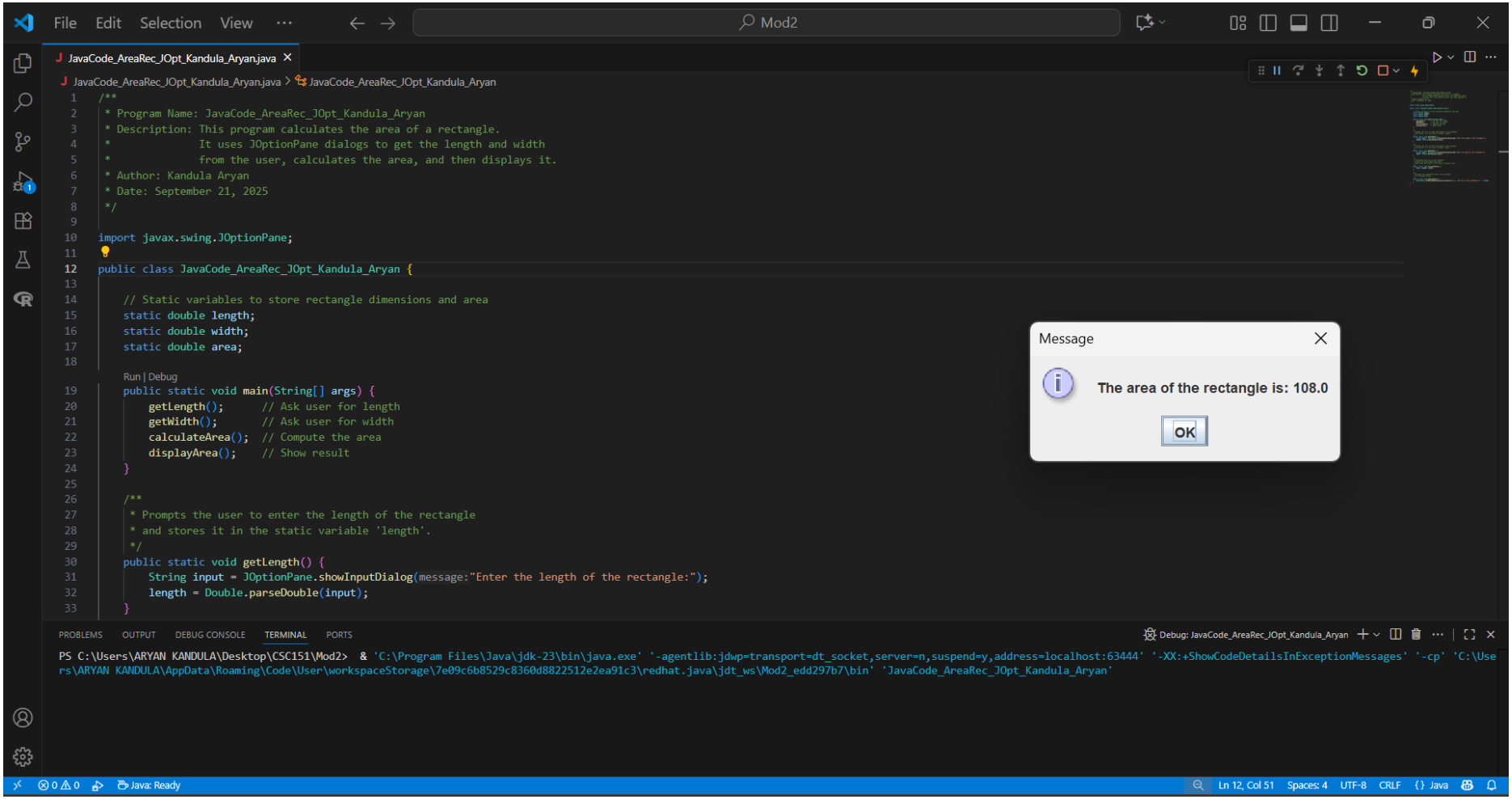
# M2_Screenshot_VSC_AreaRec_JOpt




File Edit Selection View ···
Mod2
JavaCode_AreaRec_JOpt_Kandula_Aryan.java
JavaCode_AreaRec_JOpt_Kandula_Aryan.java > JavaCode_AreaRec_JOpt_Kandula_Aryan
/**
* Program Name: JavaCode_AreaRec_JOpt_Kandula_Aryan
* Description: This program calculates the area of a rectangle.
* It uses JOptionPane dialogs to get the length and width
* from the user, calculates the area, and then displays it.
* Author: Kandula Aryan
* Date: September 21, 2025
*/
import javax.swing.JOptionPane;
public class JavaCode_AreaRec_JOpt_Kandula_Aryan {
// Static variables to store rectangle dimensions and area
static double length;
static double width;
static double area;
Run | Debug
public static void main(String[] args) {
getLength(); // Ask user for length
getWidth(); // Ask user for width
calculateArea(); // Compute the area
displayArea(); // Show result
}
/**
* Prompts the user to enter the length of the rectangle
* and stores it in the static variable 'length'.
*/
public static void getLength() {
String input = JOptionPane.showInputDialog(message:"Enter the length of the rectangle:");
length = Double.parseDouble(input);
}
Input
Enter the width of the rectangle:
9
OK
Cancel
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Debug: JavaCode_AreaRec_JOpt_Kandula_Aryan
PS C:\Users\ARYAN KANDULA\Desktop\CSC151\Mod2> & 'C:\Program Files\Java\jdk-23\bin\java.exe' '-agentlib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:63444' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\ARYAN KANDULA\AppData\Roaming\Code\User\workspaceStorage\7e09c6b8529c8360d8822512e2ea91c3\redhat.java\jdt_ws\Mod2_edd297b7\bin' 'JavaCode_AreaRec_JOpt_Kandula_Aryan'
Java: Ready
Ln 12, Col 51 Spaces: 4 UTF-8 CRLF { } Java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}
/**
* Prompts the user to enter the length of the rectangle
* and stores it in the static variable 'length'.
*/
public static void getLength() {
String input = JOptionPane.showInputDialog(message:"Enter the length of the rectangle:");
length = Double.parseDouble(input);
}
Message
The area of the rectangle is: 108.0
OK
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Debug: JavaCode_AreaRec_JOpt_Kandula_Aryan
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Java: Ready
Ln 12, Col 51 Spaces: 4 UTF-8 CRLF Java