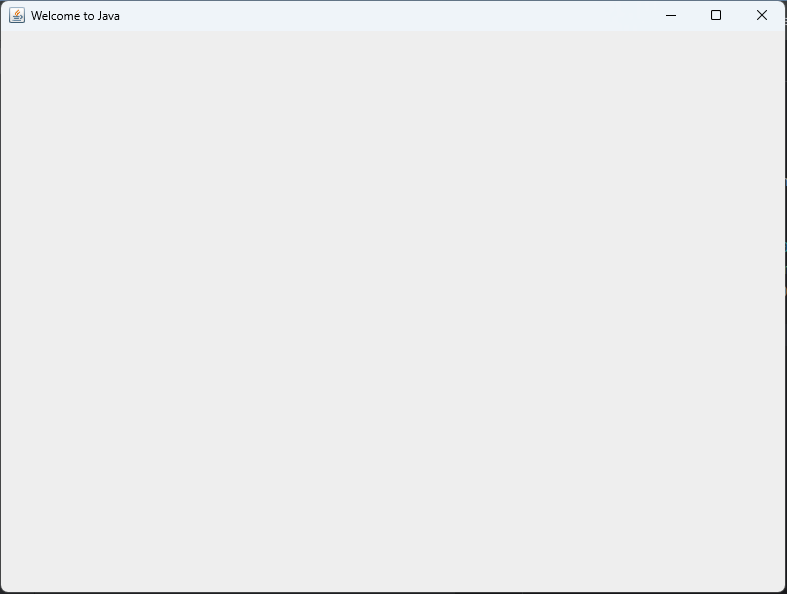
Q\_01

Code:

package Q\_01;  
import javax.swing.\*;  
  
public class Q\_01 {  
 public static void main(String[] args) {  
 JFrame myWindow;  
 myWindow = new JFrame();  
 myWindow.setSize(800, 600);  
 myWindow.setTitle("Welcome to Java");  
 myWindow.setVisible(true);  
 }  
}

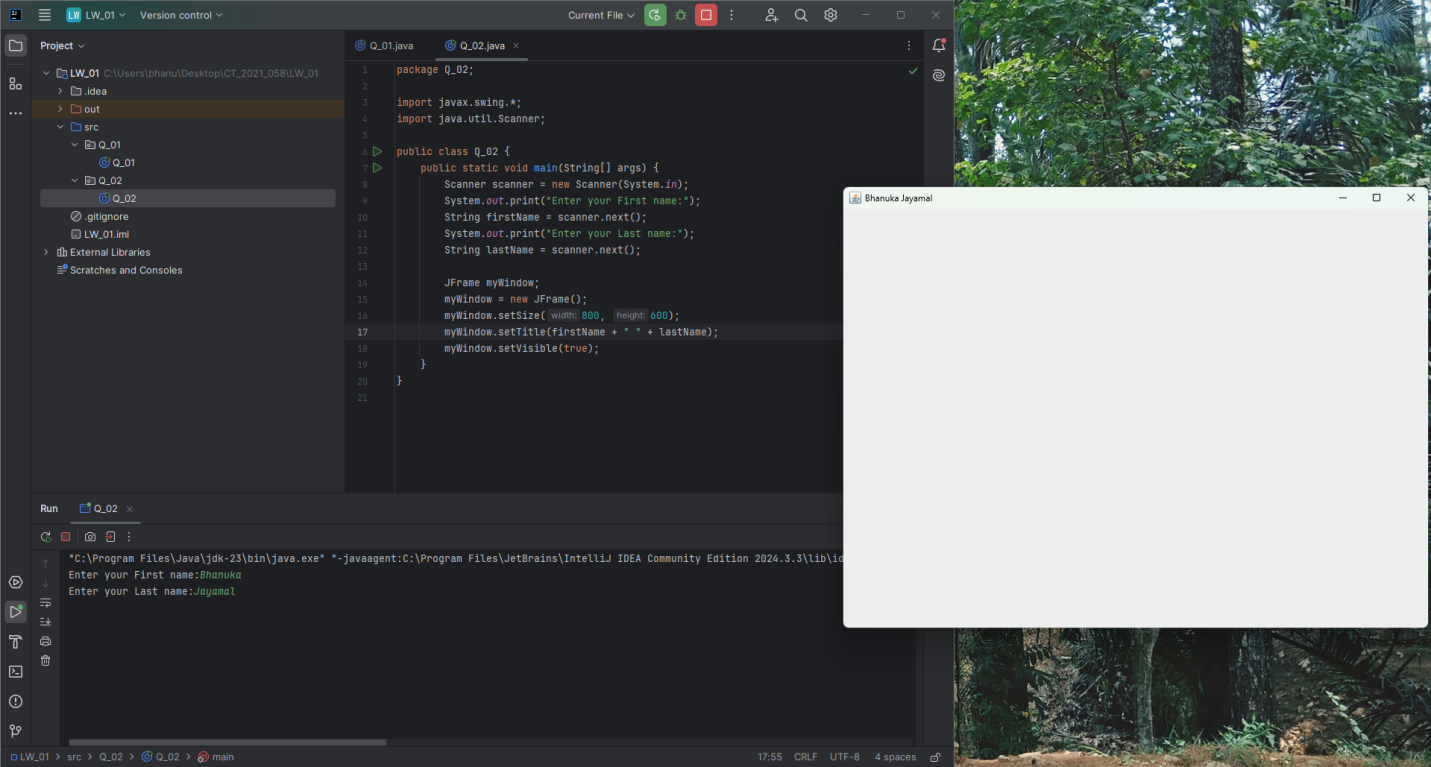
Screenshot:



Q\_02

Code:

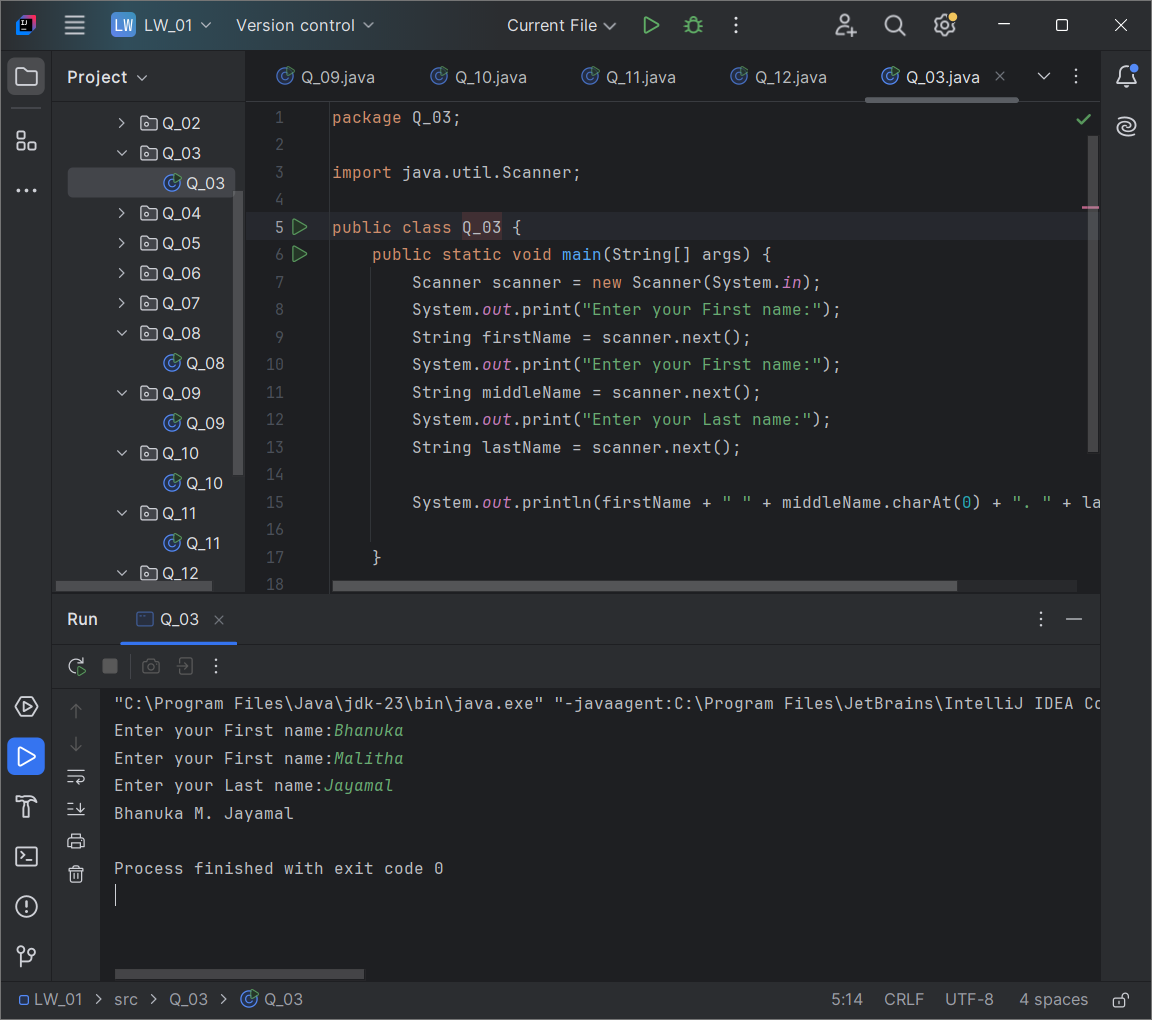
package Q\_02;  
  
import javax.swing.\*;  
import java.util.Scanner;  
  
public class Q\_02 {  
 public static void main(String[] args) {  
 Scanner scanner = new Scanner(System.*in*);  
 System.*out*.print("Enter your First name:");  
 String firstName = scanner.next();  
 System.*out*.print("Enter your Last name:");  
 String lastName = scanner.next();  
  
 JFrame myWindow;  
 myWindow = new JFrame();  
 myWindow.setSize(800, 600);  
 myWindow.setTitle(firstName + " " + lastName);  
 myWindow.setVisible(true);  
 }  
}

Screenshot:

Q\_03

Code:

package Q\_03;  
  
import java.util.Scanner;  
  
public class Q\_03 {  
 public static void main(String[] args) {  
 Scanner scanner = new Scanner(System.*in*);  
 System.*out*.print("Enter your First name:");  
 String firstName = scanner.next();  
 System.*out*.print("Enter your First name:");  
 String middleName = scanner.next();  
 System.*out*.print("Enter your Last name:");  
 String lastName = scanner.next();  
  
 System.*out*.println(firstName + " " + middleName.charAt(0) + ". " + lastName );  
  
 }  
  
}

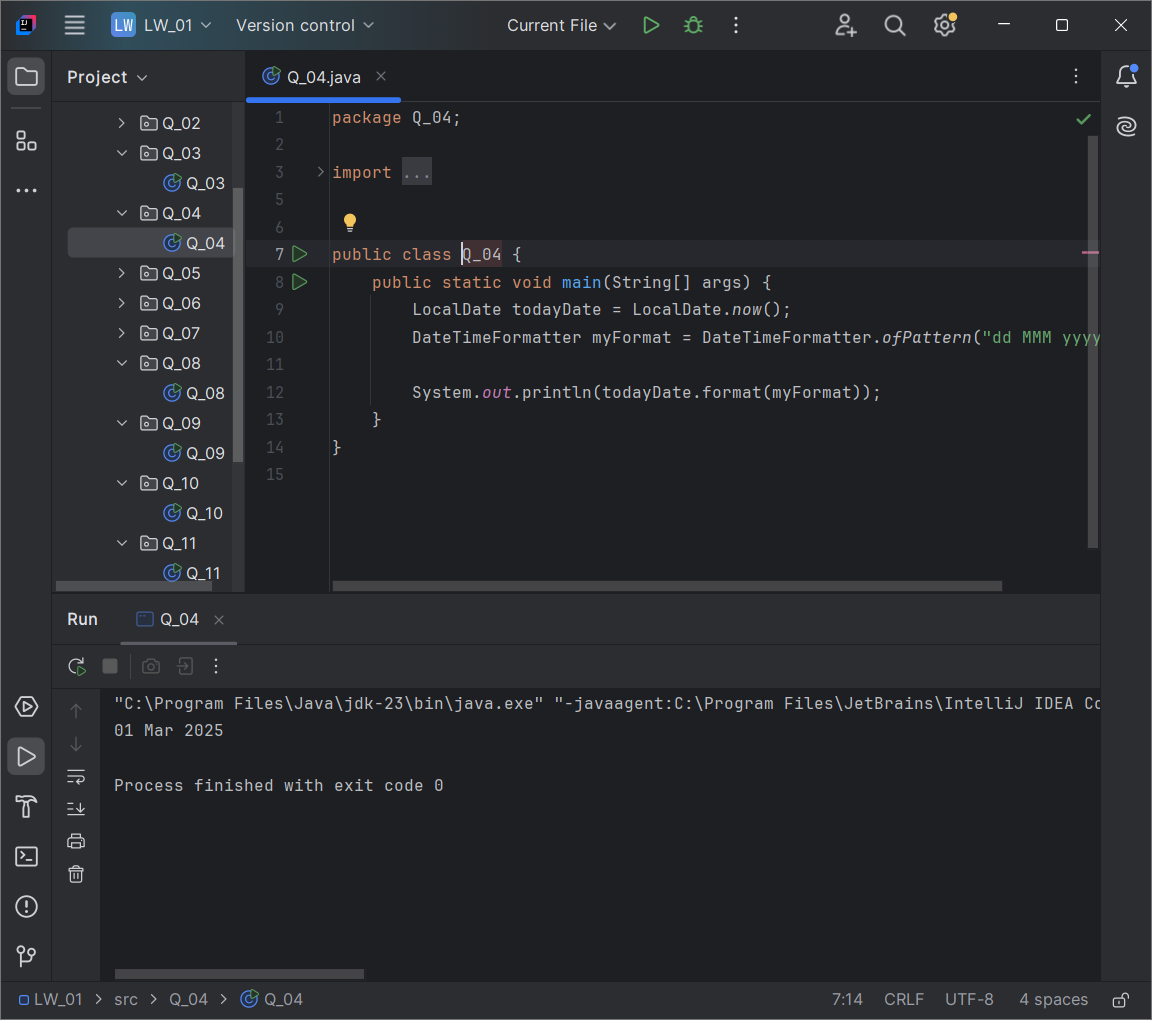
Screenshot:

Q\_04

Code:

package Q\_04;  
  
import java.time.LocalDate;  
import java.time.format.DateTimeFormatter;  
  
  
public class Q\_04 {  
 public static void main(String[] args) {  
 LocalDate todayDate = LocalDate.*now*();  
 DateTimeFormatter myFormat = DateTimeFormatter.*ofPattern*("dd MMM yyyy");  
  
 System.*out*.println(todayDate.format(myFormat));  
 }  
}

Screenshot:

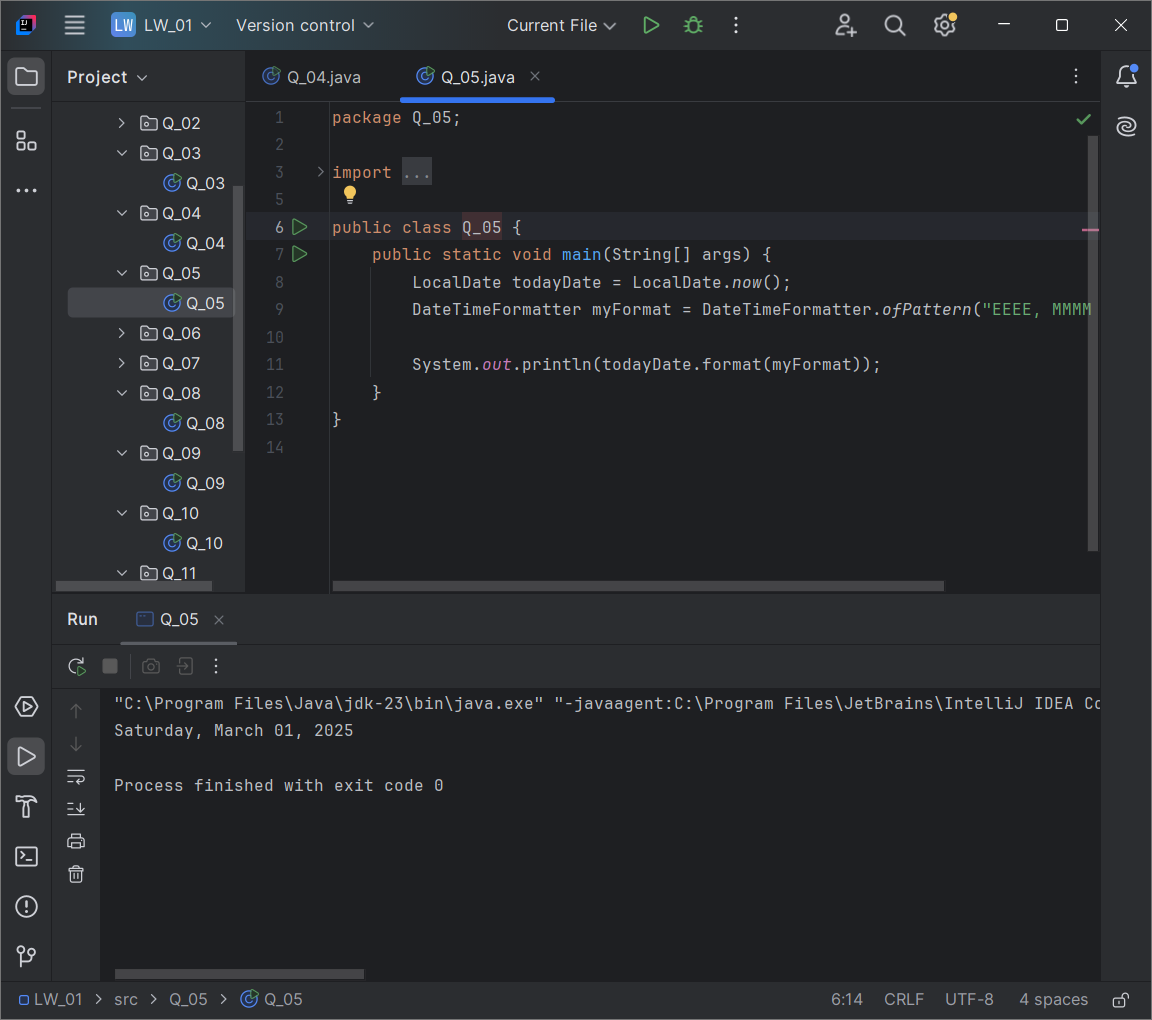


Q\_05

Code:

package Q\_05;  
  
import java.time.LocalDate;  
import java.time.format.DateTimeFormatter;  
  
public class Q\_05 {  
 public static void main(String[] args) {  
 LocalDate todayDate = LocalDate.*now*();  
 DateTimeFormatter myFormat = DateTimeFormatter.*ofPattern*("EEEE, MMMM dd, yyyy");  
  
 System.*out*.println(todayDate.format(myFormat));  
 }  
}

Screenshot:

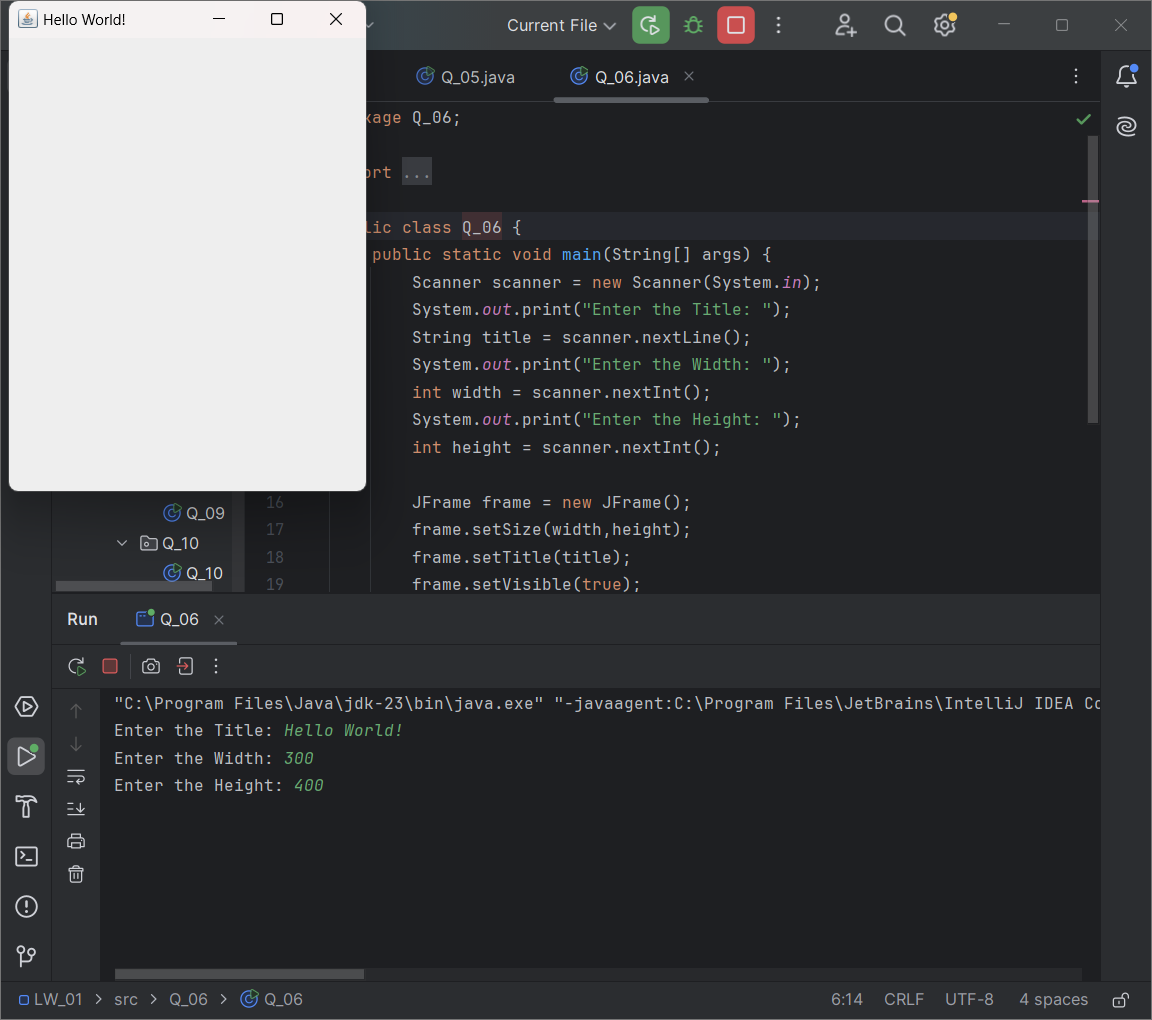


Q\_06

Code:

package Q\_06;  
  
import javax.swing.\*;  
import java.util.Scanner;  
  
public class Q\_06 {  
 public static void main(String[] args) {  
 Scanner scanner = new Scanner(System.*in*);  
 System.*out*.print("Enter the Title: ");  
 String title = scanner.nextLine();  
 System.*out*.print("Enter the Width: ");  
 int width = scanner.nextInt();  
 System.*out*.print("Enter the Height: ");  
 int height = scanner.nextInt();  
  
 JFrame frame = new JFrame();  
 frame.setSize(width,height);  
 frame.setTitle(title);  
 frame.setVisible(true);  
 frame.setDefaultCloseOperation(WindowConstants.*EXIT\_ON\_CLOSE*);  
  
 }  
}

Screenshot:

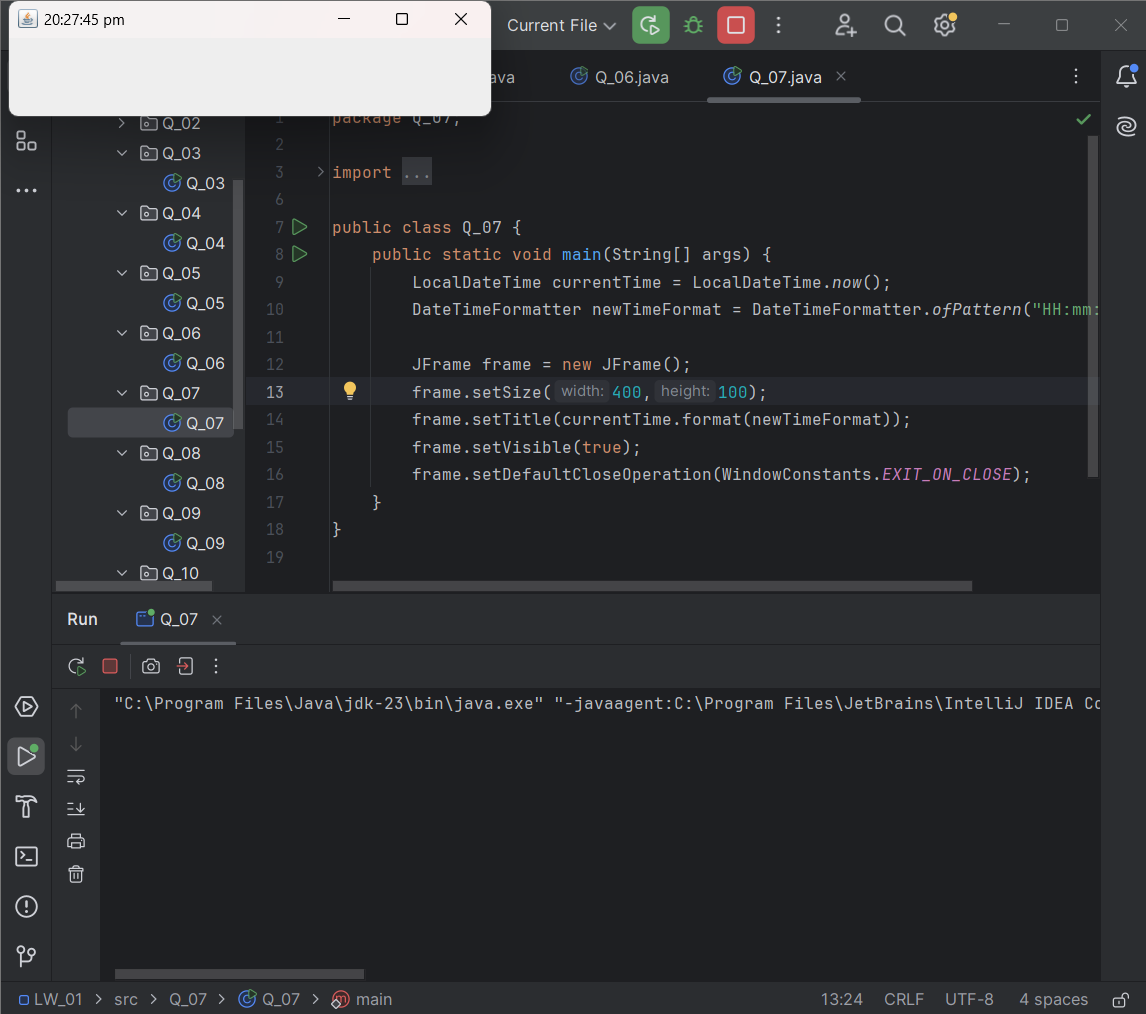


Q\_07

Code:

package Q\_05;  
  
import java.time.LocalDate;  
import java.time.format.DateTimeFormatter;  
  
public class Q\_05 {  
 public static void main(String[] args) {  
 LocalDate todayDate = LocalDate.*now*();  
 DateTimeFormatter myFormat = DateTimeFormatter.*ofPattern*("EEEE, MMMM dd, yyyy");  
  
 System.*out*.println(todayDate.format(myFormat));  
 }  
}

Screenshot:

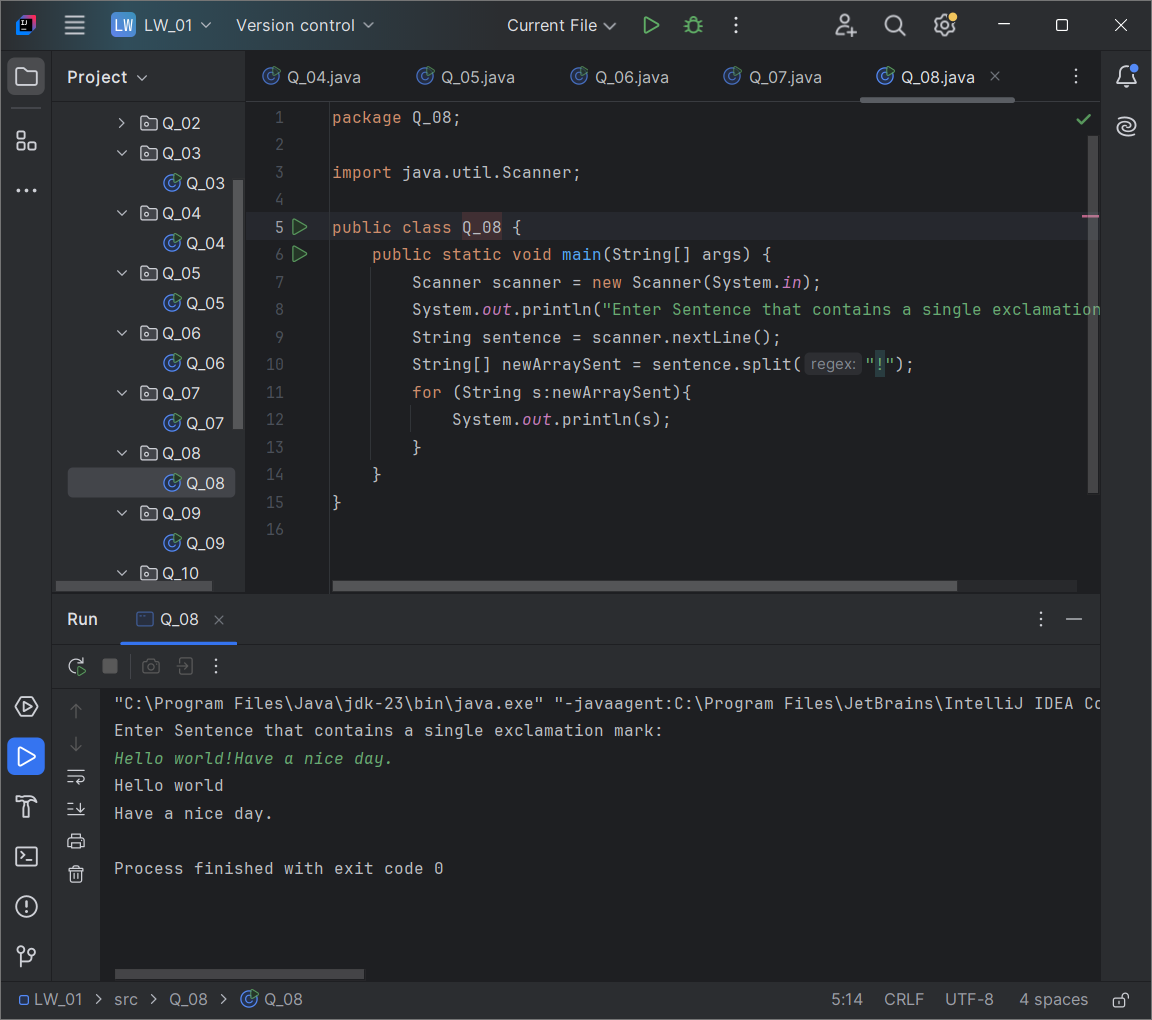


Q\_08

Code:

package Q\_08;  
  
import java.util.Scanner;  
  
public class Q\_08 {  
 public static void main(String[] args) {  
 Scanner scanner = new Scanner(System.*in*);  
 System.*out*.println("Enter Sentence that contains a single exclamation mark:");  
 String sentence = scanner.nextLine();  
 String[] newArraySent = sentence.split("!");  
 for (String s:newArraySent){  
 System.*out*.println(s);  
 }  
 }  
}

Screenshot:

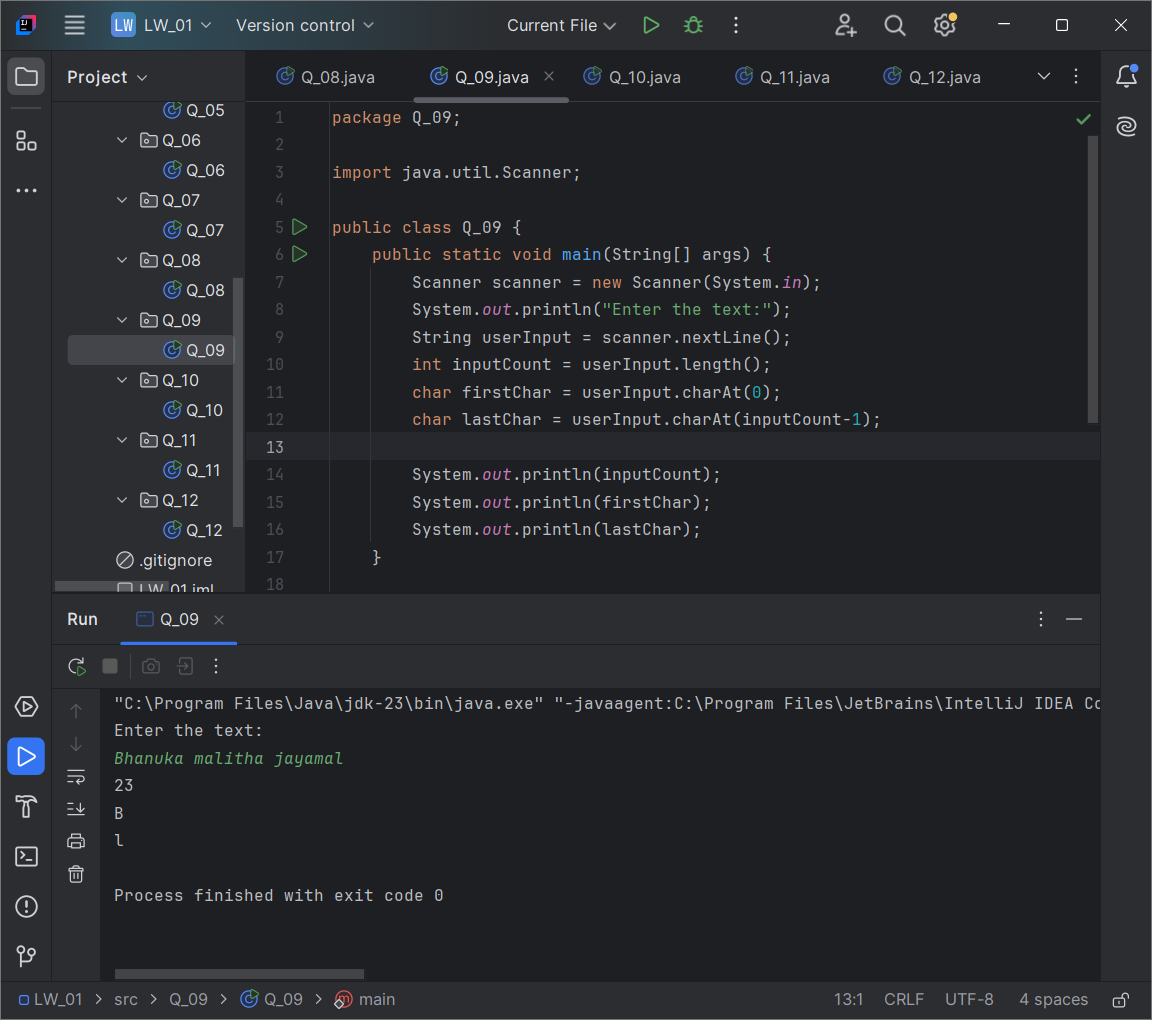


Q\_09

Code:

package Q\_09;  
  
import java.util.Scanner;  
  
public class Q\_09 {  
 public static void main(String[] args) {  
 Scanner scanner = new Scanner(System.*in*);  
 System.*out*.println("Enter the text:");  
 String userInput = scanner.nextLine();  
 int inputCount = userInput.length();  
 char firstChar = userInput.charAt(0);  
 char lastChar = userInput.charAt(inputCount-1);  
  
 System.*out*.println(inputCount);  
 System.*out*.println(firstChar);  
 System.*out*.println(lastChar);  
 }  
}

Screenshot:

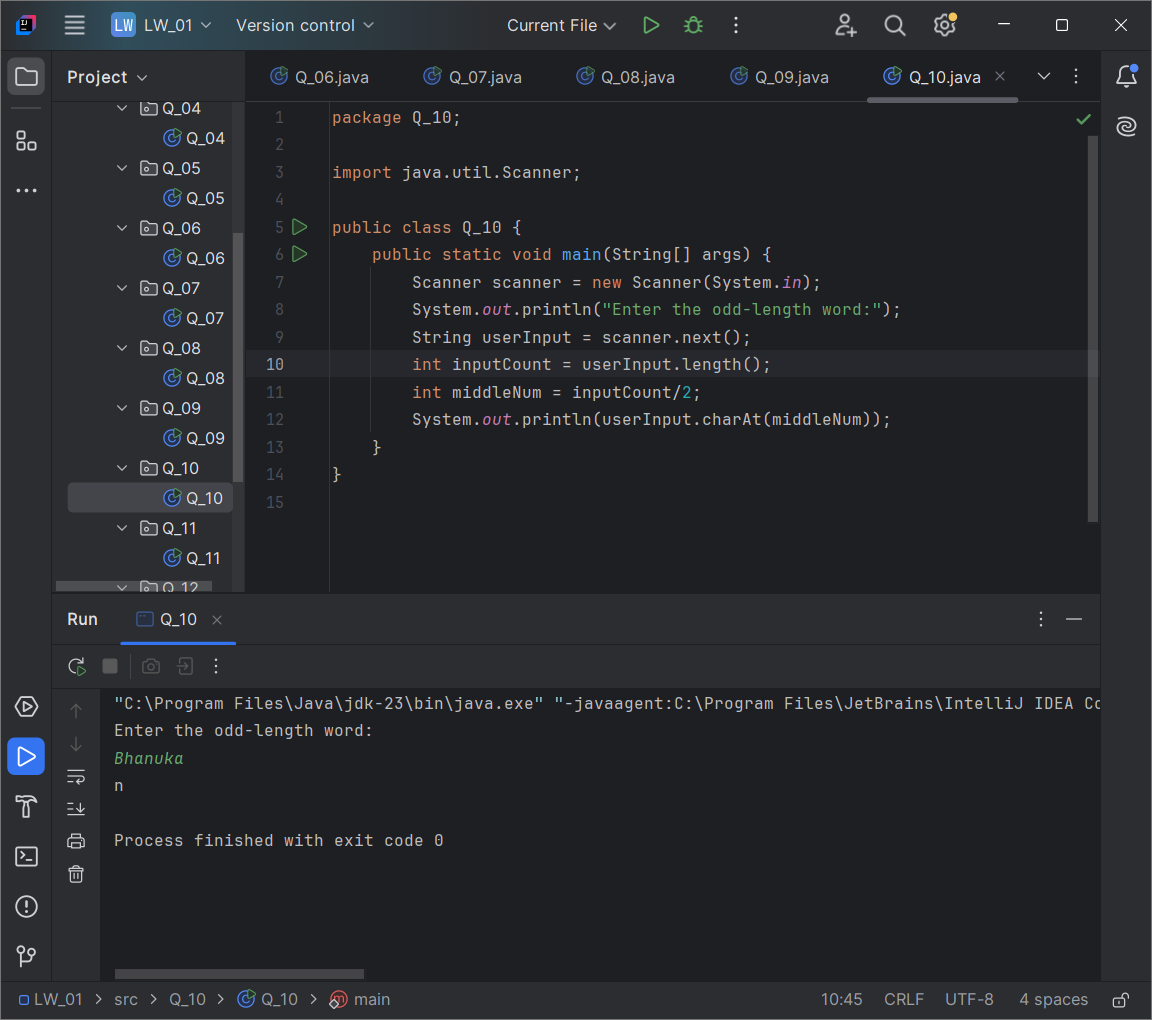


Q\_10

Code:

package Q\_10;  
  
import java.util.Scanner;  
  
public class Q\_10 {  
 public static void main(String[] args) {  
 Scanner scanner = new Scanner(System.*in*);  
 System.*out*.println("Enter the odd-length word:");  
 String userInput = scanner.next();  
 int inputCount = userInput.length();  
 int middleNum = inputCount/2;  
 System.*out*.println(userInput.charAt(middleNum));  
 }  
}

Screenshot:

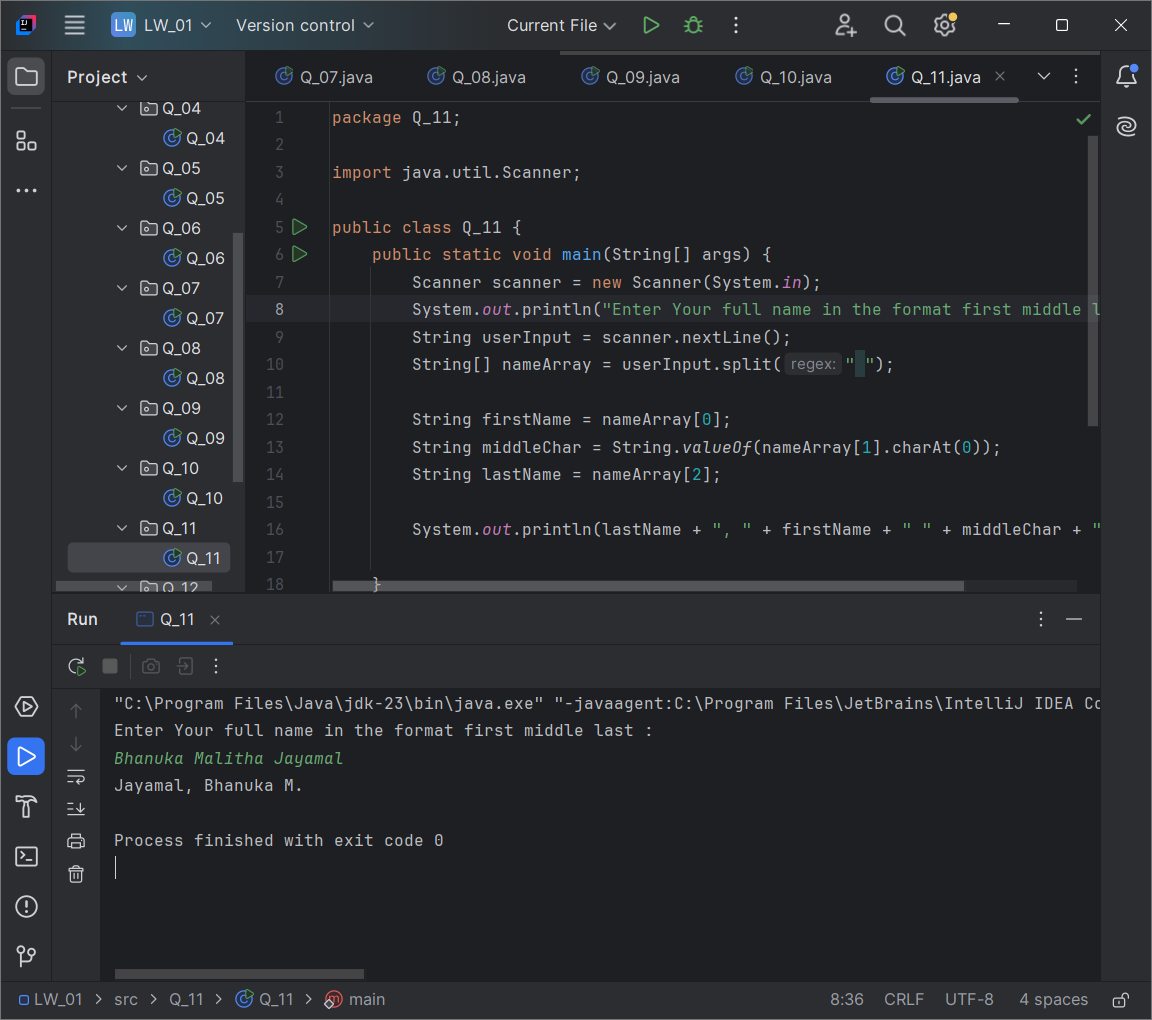


Q\_11

Code:

package Q\_11;  
  
import java.util.Scanner;  
  
public class Q\_11 {  
 public static void main(String[] args) {  
 Scanner scanner = new Scanner(System.*in*);  
 System.*out*.println("Enter Your full name in the format first middle last :");  
 String userInput = scanner.nextLine();  
 String[] nameArray = userInput.split(" ");  
  
 String firstName = nameArray[0];  
 String middleChar = String.*valueOf*(nameArray[1].charAt(0));  
 String lastName = nameArray[2];  
  
 System.*out*.println(lastName + ", " + firstName + " " + middleChar + ".");  
 }  
}

Screenshot:



Q\_12

Code:

package Q\_12;  
  
import javax.swing.\*;  
  
public class Q\_12 {  
 public static void main(String[] args) {  
 JFrame newWindow = new JFrame();  
 newWindow.setSize(300,200);  
 newWindow.setTitle("My First Frame");  
 newWindow.setLocation(100,50);  
 newWindow.setVisible(true);  
 newWindow.setDefaultCloseOperation(WindowConstants.*EXIT\_ON\_CLOSE*);  
 }  
}

Screenshot:

