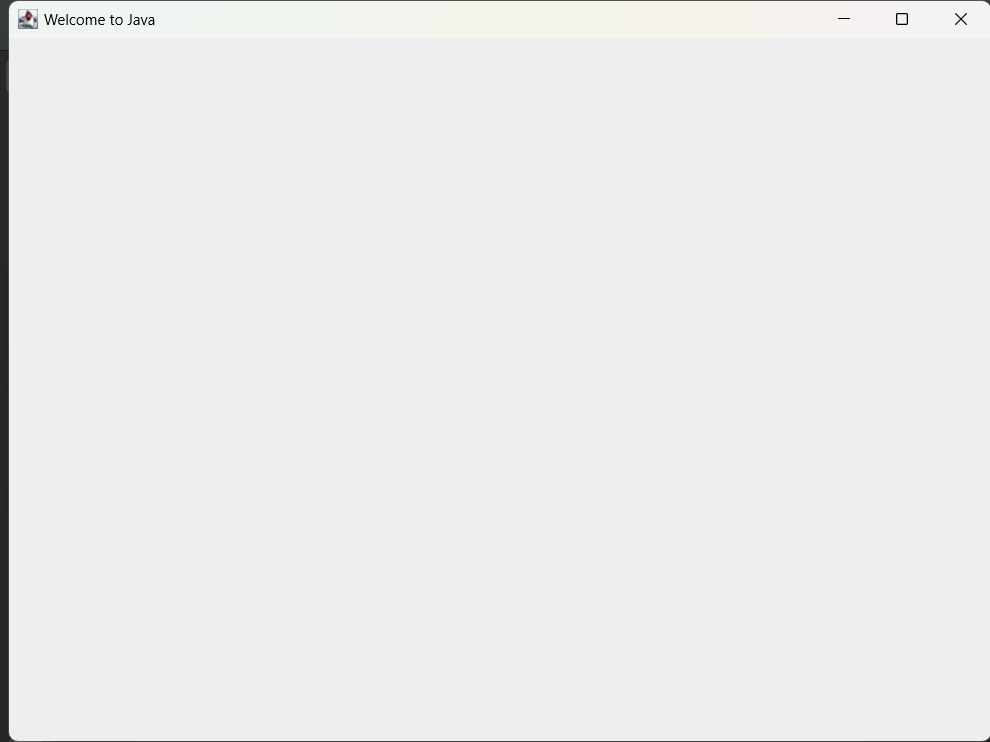
Lab worksheet 01

Q01.

Code

package Q\_01;  
import javax.swing.\*;  
public class Q1 {  
 public static void main(String[] args) {  
 JFrame welcomeFrame;  
 welcomeFrame = new JFrame();  
 welcomeFrame.setSize(800, 600);  
 welcomeFrame.setTitle("Welcome to Java");  
 welcomeFrame.setVisible(true);  
 }  
 }

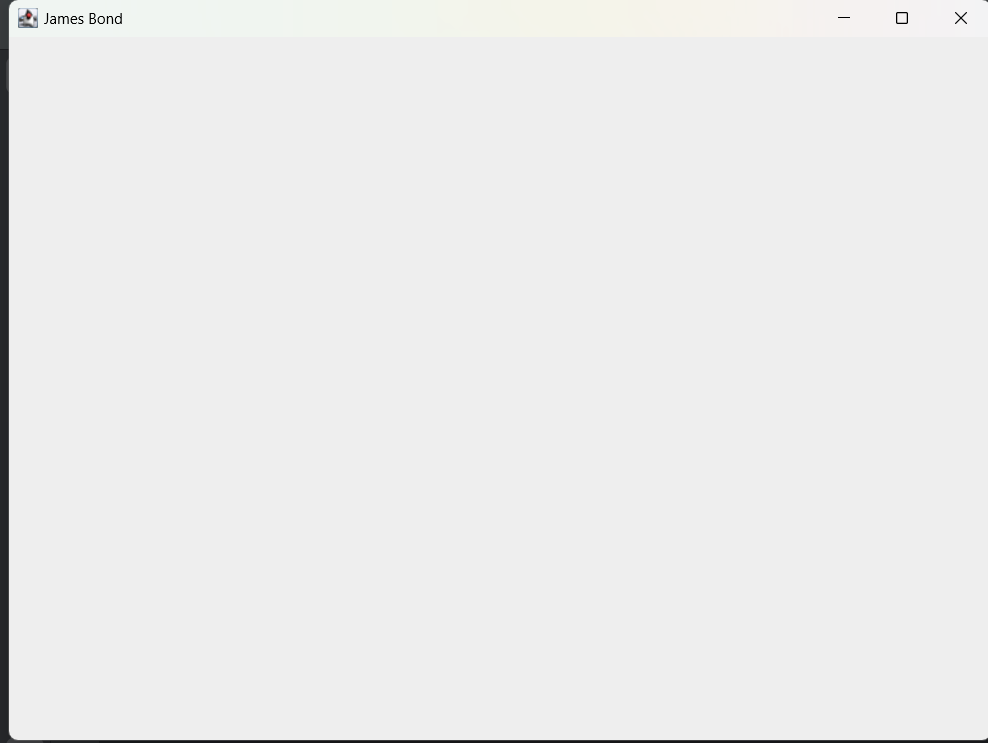
Output

Q02.

Code

package Q\_02;  
import javax.swing.\*;  
import java.util.Scanner;  
  
public class Q2 {  
 public static void main(String[] args) {  
  
 Scanner input = new Scanner(System.*in*);  
  
 System.*out*.print("Enter first name: ");  
 String firstName = input.next();  
  
  
  
 System.*out*.print("Enter last name: ");  
 String lastName = input.next();  
  
  
  
 input.close();  
  
  
 JFrame welcomeFrame;  
 welcomeFrame = new JFrame();  
 welcomeFrame.setSize(800, 600);  
 welcomeFrame.setTitle(firstName+ " "+lastName);  
 welcomeFrame.setVisible(true);  
 }  
}

Output



Q03.

Code

package Q\_03;  
import javax.swing.\*;  
import java.util.Scanner;  
public class Q3 {  
  
 public static void main(String[] args) {  
  
 Scanner input = new Scanner(System.*in*);  
  
 System.*out*.print("Enter first name: ");  
 String firstName = input.next();  
  
 System.*out*.print("Enter middle name: ");  
 String middleName = input.next();  
  
 System.*out*.print("Enter last name: ");  
 String lastName = input.next();  
  
 String midInitial= middleName.substring(0, 1) + ".";  
  
 input.close();  
  
  
 JFrame welcomeFrame;  
 welcomeFrame = new JFrame();  
 welcomeFrame.setSize(800, 600);  
 welcomeFrame.setTitle(firstName+ " "+ midInitial +lastName);  
 welcomeFrame.setVisible(true);  
 }  
  
}

output

A screenshot of a computer

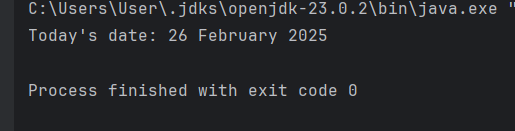
AI-generated content may be incorrect.

Q04.

Code

package Q\_04;  
import java.util.Date;  
import java.text.SimpleDateFormat;  
public class Q4 {  
 public static void main(String[] args) {  
 Date today = new Date();  
 SimpleDateFormat formatter = new SimpleDateFormat("dd MMMM yyyy");  
 String date = formatter.format(today);  
 System.*out*.println("Today's date: " + date);  
 }  
  
  
}

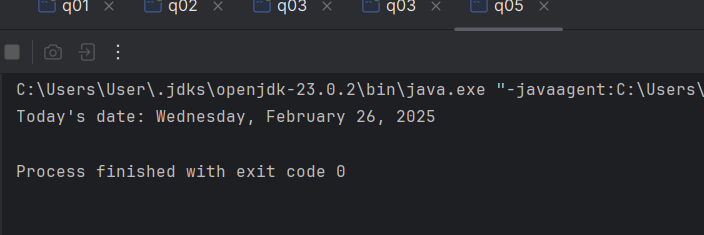
Output



Q05.

Code

package Q\_05;  
  
import java.util.Date;  
import java.text.SimpleDateFormat;  
public class Q5 {  
 public static void main(String[] args) {  
 Date today = new Date();  
 SimpleDateFormat formatter = new SimpleDateFormat("EEEE, MMMM dd, yyyy");  
 String date = formatter.format(today);  
 System.*out*.println("Today's date: " + date);  
 }  
  
  
}

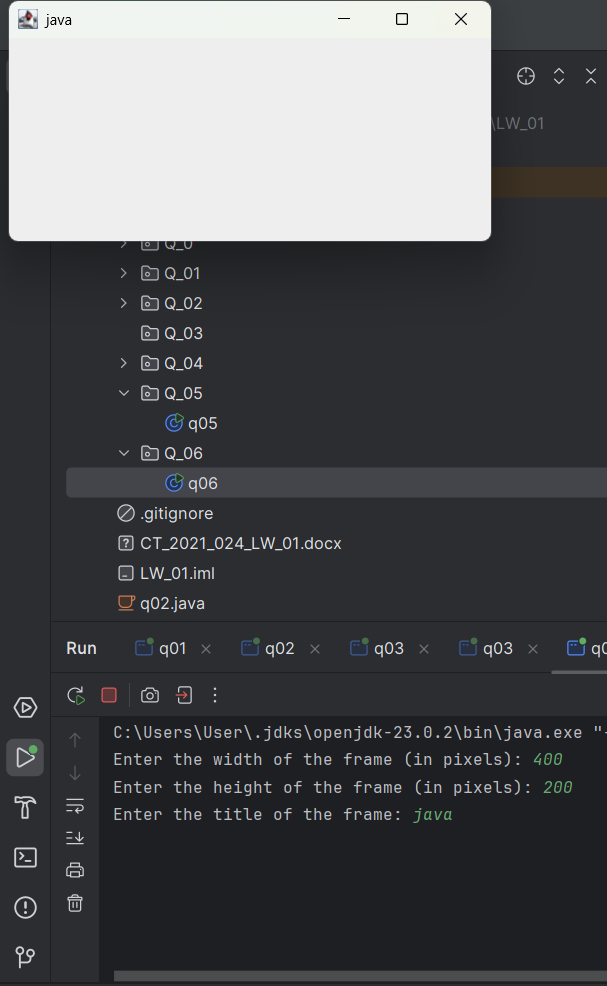


Q06.

Code

package Q\_06;  
import javax.swing.JFrame;  
import java.util.Scanner;  
import java.util.concurrent.ForkJoinPool;  
  
public class Q06 {  
 public static void main(String[] args) {  
 JFrame frame=new JFrame();  
 Scanner scanner=new Scanner(System.*in*);  
 System.*out*.println("Enter the frame width");  
 int width =scanner.nextInt();  
 System.*out*.println("Enter the frame height");  
 int height = scanner.nextInt();  
 System.*out*.println("Enter the tile for the frame");  
  
 String title = scanner.next();  
  
  
 scanner.close();  
 frame.setSize(width, height);  
 frame.setTitle(title);  
 frame.setDefaultCloseOperation(JFrame.*EXIT\_ON\_CLOSE*);  
 frame.setVisible(true);  
  
 }  
}

Output

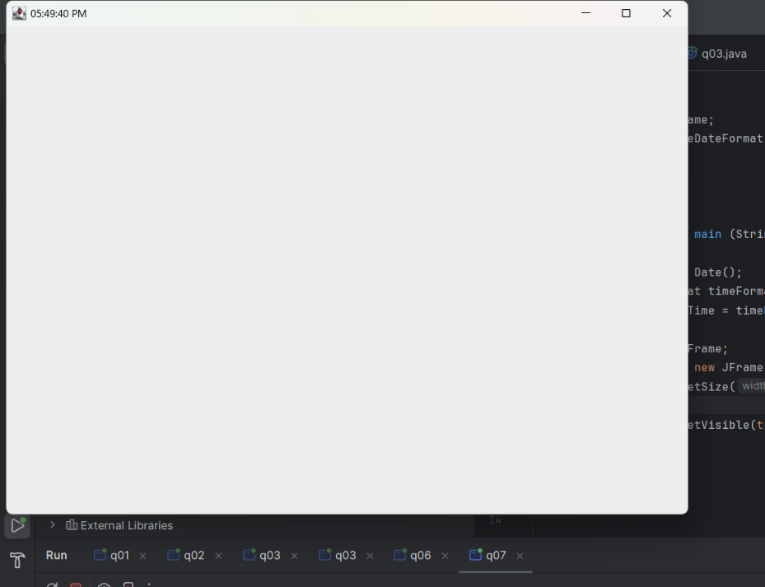


Q07.

code

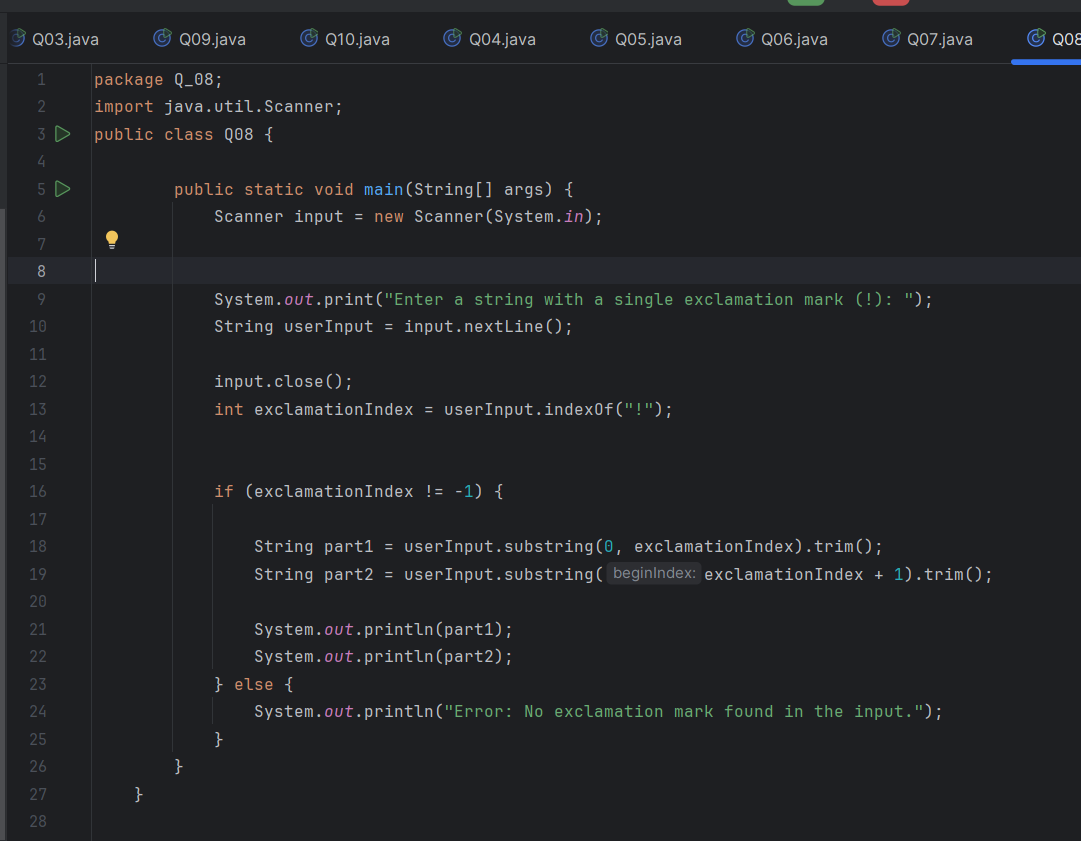
package Q\_07;  
  
import javax.swing.JFrame;  
import java.text.SimpleDateFormat;  
import java.util.Date;  
public class Q07 {  
 public static void main(String[] args) {  
  
 JFrame frame = new JFrame();  
 Date date = new Date();  
 SimpleDateFormat sdf = new SimpleDateFormat("HH :mm:ss a");  
 String currentTime = sdf.format(date);  
  
 frame.setSize(600,300);  
 frame.setTitle(currentTime);  
 frame.setDefaultCloseOperation(JFrame.*EXIT\_ON\_CLOSE*);  
 frame.setVisible(true);  
  
 }  
  
}

Output

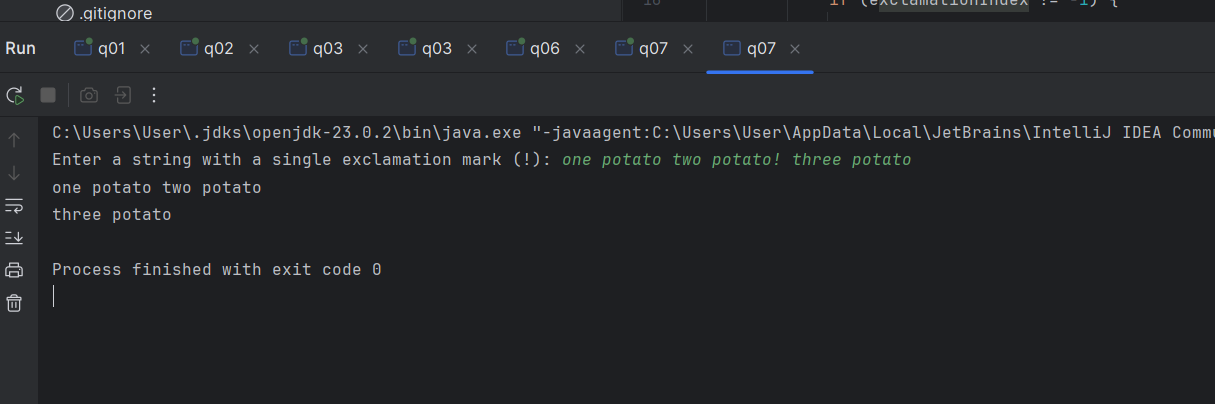


Q08.

Code



Output



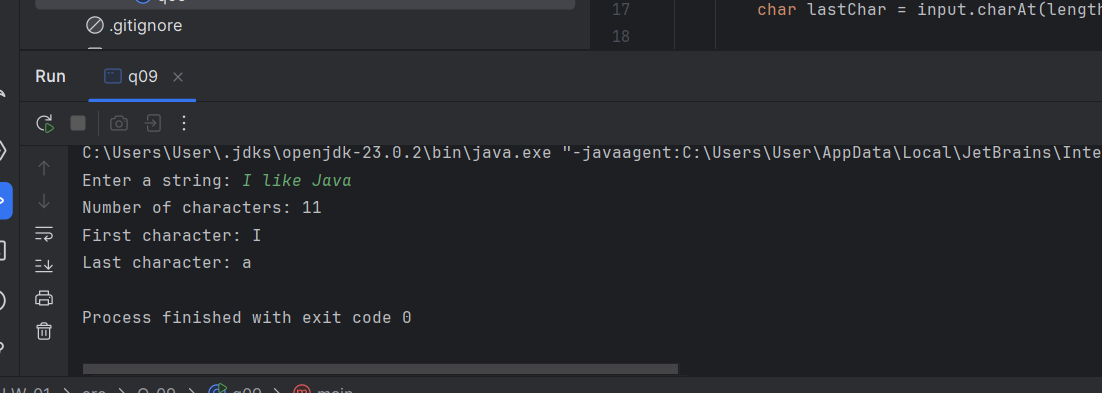
Q09.

Code

A screen shot of a computer program

AI-generated content may be incorrect.

Output



Q10.

Code

A screenshot of a computer program

AI-generated content may be incorrect.

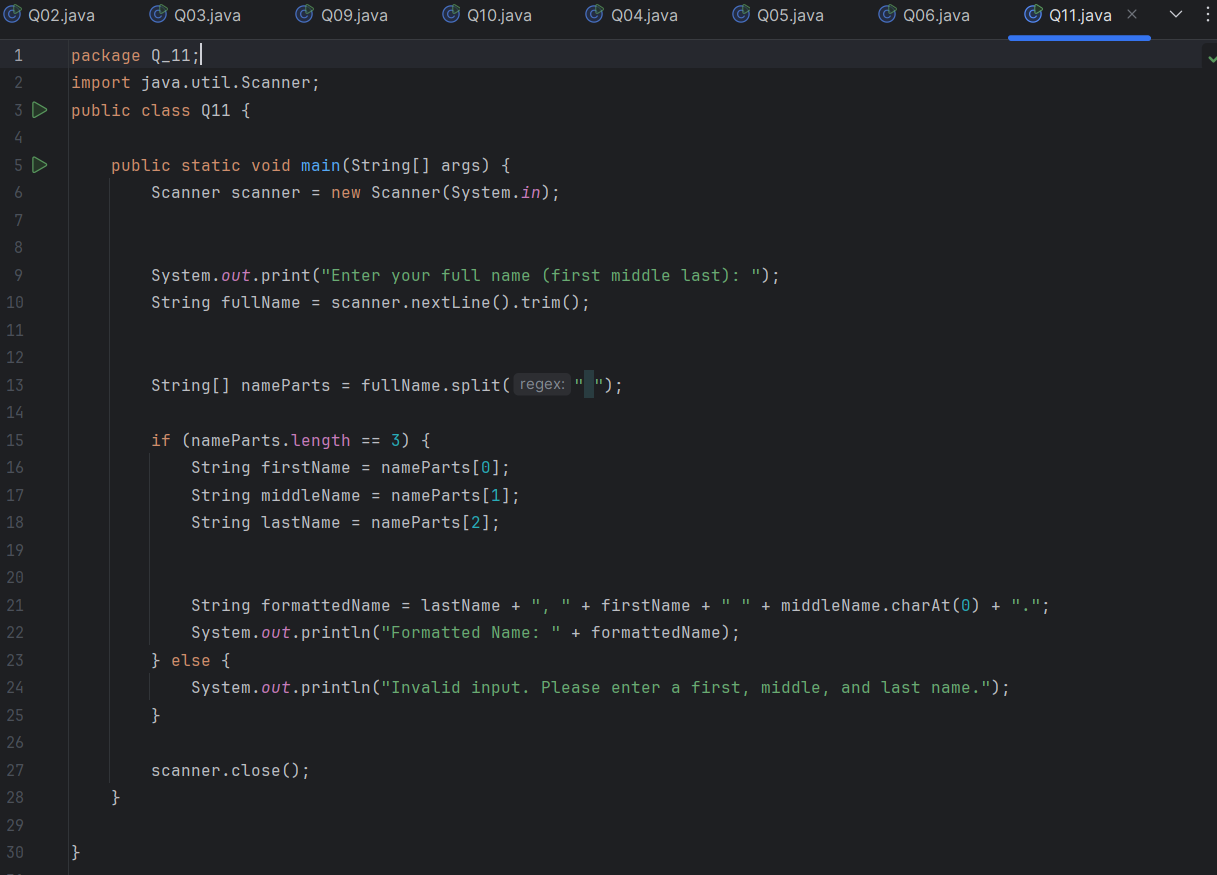
Output

A screen shot of a computer

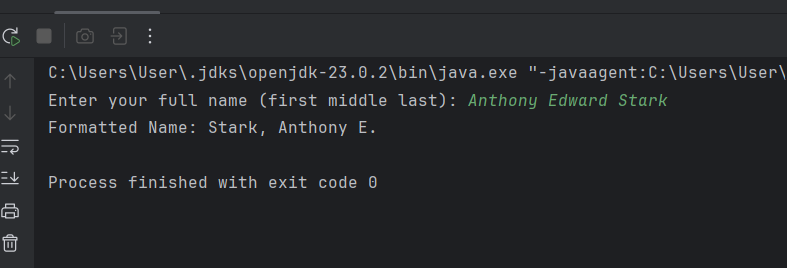
AI-generated content may be incorrect.

Q11.

Code

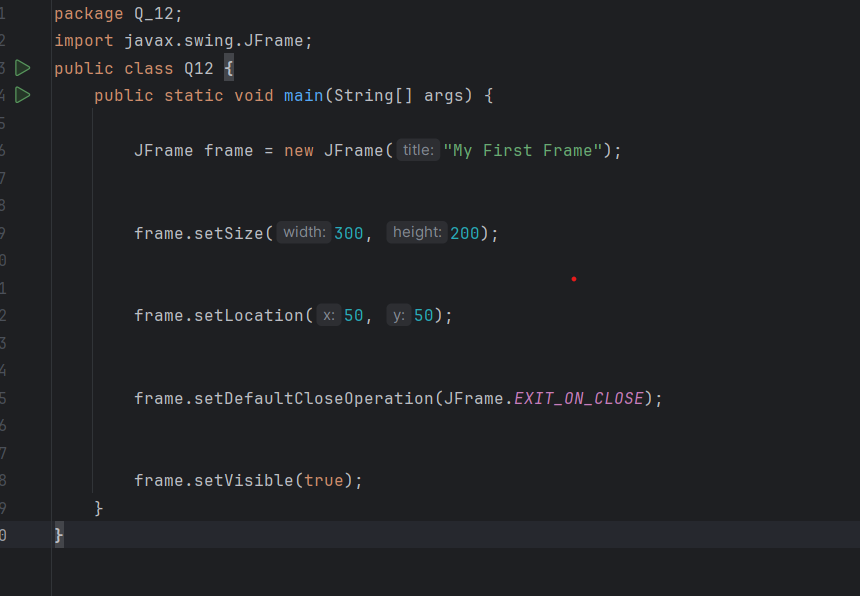


Output



Q12.

Code



Output

