**Q1.**

Code:

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

**Output:**

A screenshot of a computer

AI-generated content may be incorrect.

**Q2.**

Code:

|  |
| --- |
| ***package Q\_02; import javax.swing.\*; import java.util.\*;  public class NameBind {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.in);  String firstname , lastname , fullname;  System.out.println("Enter your firstname : ");  firstname = scanner.next();  System.out.println("Enter your lastname : ");  lastname = scanner.next();  fullname = firstname + " " + lastname ;   JFrame myWindow;  myWindow = new JFrame();  myWindow.setSize(800,600);  myWindow.setTitle(fullname);  myWindow.setVisible(true);  } }*** |

**Output :**

A screenshot of a computer

AI-generated content may be incorrect.

**Q3.**

Code:

|  |
| --- |
| ***package Q\_03; import java.util.Scanner;  public class NamePrint {  public static void main(String[] args) {   Scanner scanner = new Scanner(System.in);  String firstname, lastname,middlename , fullname;  char middle\_name\_initial;  System.out.println("Enter your firstname : ");  firstname = scanner.next();   System.out.println("Enter your middlename : ");  middlename = scanner.next();  middle\_name\_initial = middlename.charAt(0);   System.out.println("Enter your lastname : ");  lastname = scanner.next();   fullname = firstname+" "+ middle\_name\_initial +". "+ lastname +"." ;  System.out.println(fullname);    } }*** |

**Output :**

A screenshot of a computer program

AI-generated content may be incorrect.

**Q4.**

Code:

|  |
| --- |
| ***package Q\_04; import java.text.SimpleDateFormat; import java.util.\*;  public class DATE {  public static void main(String[] args) {   Date today;  SimpleDateFormat sdf;  today = new Date( );  sdf = new SimpleDateFormat("dd MMM yyyy");  System.out.println(sdf.format(today));  } }*** |

**Output :**

A screenshot of a computer program

AI-generated content may be incorrect.

**Q5.**

Code:

|  |
| --- |
| ***package Q\_05; import java.text.SimpleDateFormat; import java.util.\*;   public class DATE5 {  public static void main(String[] args) {  Date today;  SimpleDateFormat sdf;  today = new Date( );  sdf = new SimpleDateFormat("EEEE, MMM dd,yyyy");  System.out.println(sdf.format(today));  } }*** |

**Output :**

A screenshot of a computer program

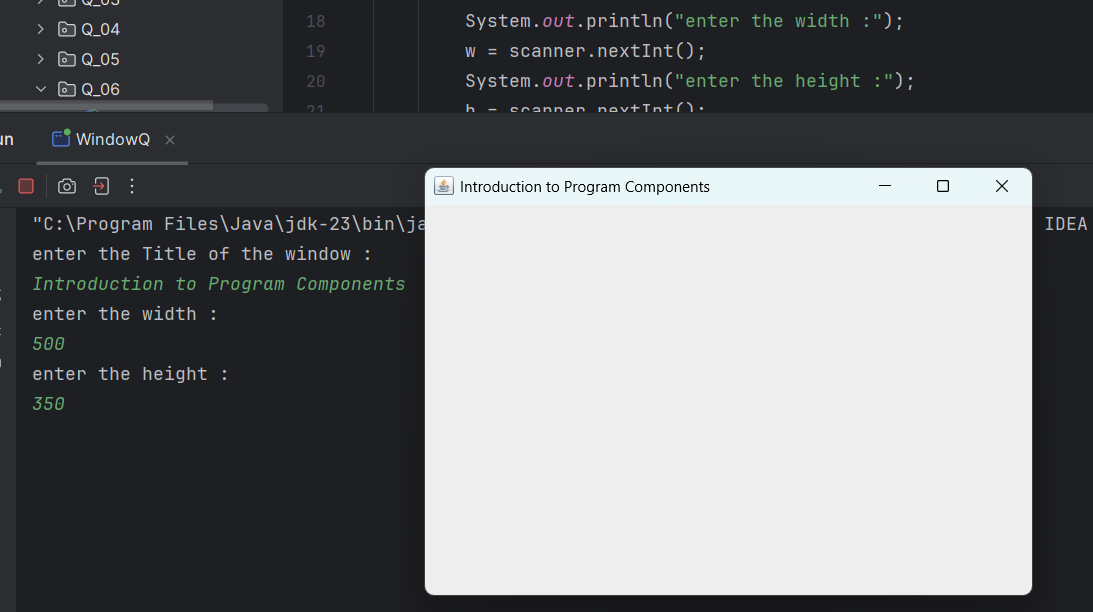
AI-generated content may be incorrect.

**Q6.**

Code:

|  |
| --- |
| ***package Q\_06; import javax.swing.\*; import java.util.\*;  public class WindowQ {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.in);   //getting user input  int w ,h ;  String title;  System.out.println("enter the Title of the window :");  title = scanner.nextLine();  System.out.println("enter the width :");  w = scanner.nextInt();  System.out.println("enter the height :");  h = scanner.nextInt();   //window process  JFrame myWindow;  myWindow = new JFrame();  myWindow.setSize(w,h);  myWindow.setTitle(title);  myWindow.setVisible(true);  } }*** |

**Output :**

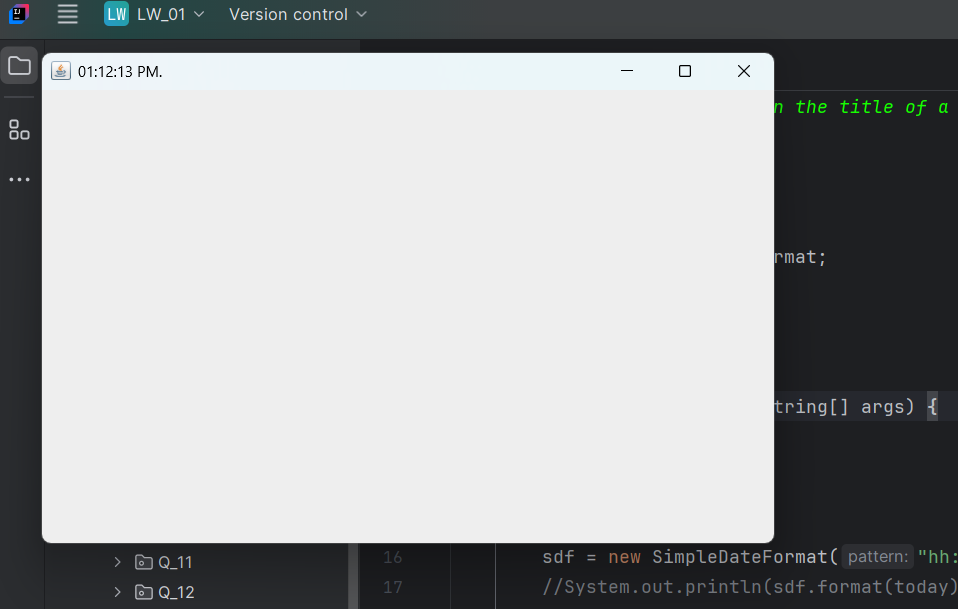


**Q7.**

Code:

|  |
| --- |
| ***package Q\_07; import java.text.SimpleDateFormat; import java.util.\*; import javax.swing.\*;  public class DateinTitle {  public static void main(String[] args) {   Date today;  SimpleDateFormat sdf;  today = new Date( );  sdf = new SimpleDateFormat("hh:mm:ss a.");  //System.out.println(sdf.format(today));   JFrame myWindow;  myWindow = new JFrame();  myWindow.setSize(600,400);  myWindow.setTitle(sdf.format(today));  myWindow.setVisible(true);  } }*** |

**Output :**



**Q8.**

Code:

|  |
| --- |
| ***package Q\_08; import java.util.\*;  public class PotetoQuestion {  public static void main(String[] args) {  String word ,a,b ;  //new array  Scanner scanner = new Scanner(System.in);  System.out.println("Enter the word :");  word = scanner.nextLine();   String[] sentence = word.split("!",2);   if (sentence.length == 2){  System.out.println(sentence[0].trim());  System.out.println(sentence[1].trim());  }  } }*** |

**Output :**

A screenshot of a computer program

AI-generated content may be incorrect.

**Q9.**

Code:

|  |
| --- |
| ***package Q\_09; import java.util.\*;  public class Question9 {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.in);  System.out.println("Enter the text : ");  String text = scanner.nextLine();  int length = text.length();   System.out.println(length);  System.out.println(text.charAt(0));  System.out.println(text.charAt(length-1));   } }*** |

**Output :**

A screen shot of a computer program

AI-generated content may be incorrect.

**Q10.**

Code:

|  |
| --- |
| ***package Q\_10; import java.util.Scanner;  public class Question10 {  public static void main(String[] args) {  Scanner scanner =new Scanner(System.in);  System.out.println("Enter the odd length String : ");  String text = scanner.nextLine();   int length = text.length();  char middle\_letter;  middle\_letter = text.charAt((length / 2));  System.out.println(middle\_letter);    } }*** |

**Output:**

A screen shot of a computer

AI-generated content may be incorrect.

**Q11.**

Code:

|  |
| --- |
| ***package Q\_11;  import java.util.\*;  public class Question11 {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.in);  System.out.println("Enter the full name (first middle last) with spaces :");  String text = scanner.nextLine();  System.out.println(text);   String[] parts = text.split(" ");  String fname = parts[0];  String mname = parts[1];  String lname = parts[2];   System.out.println(lname+","+" "+fname+" "+mname.charAt(0)+".");   } }*** |

**Output :**

A screen shot of a computer program

AI-generated content may be incorrect.

**Q12.**

Code:

|  |
| --- |
| ***package Q\_12; import javax.swing.\*;  public class Question12 {  public static void main(String[] args) {  JFrame myWindow;  myWindow = new JFrame();  myWindow.setSize(300,200);  myWindow.setLocation(50,100);  myWindow.setTitle("My First Frame");  myWindow.setVisible(true);   } }*** |

**Output :**

A screen shot of a computer

AI-generated content may be incorrect.

**Q13. Extra Practice**

Code:

|  |
| --- |
| ***package Q\_13ExtraPractice;  import javax.swing.\*; class SampleWindow {  public static void main(String[] args) {  JFrame myWindow;  myWindow = new JFrame();  myWindow.setSize(500, 250);  myWindow.setTitle("UOK");  myWindow.setVisible(true);  try {Thread.sleep(500);} catch(Exception e) { }  myWindow.setVisible(false);  try {Thread.sleep(500);} catch(Exception e) { }  myWindow.setVisible(true);  } }*** |

**Output :**

A screenshot of a computer

AI-generated content may be incorrect.

A window is created and displayed using JFrame.

The window appears, disappears briefly, and then reappears after delays of **500ms each** using Thread.sleep(500).

The visibility of the window can be controlled dynamically using setVisible(true/false).