**Q1.**

Code:

|  |
| --- |
| ***package Q\_01;  import javax.swing.\*;  public class q1 {  public static void main(String[] args) {  JFrame frame = new JFrame();  frame.setSize(800,600);  frame.setTitle("Welcome to Java");  frame.setVisible(true);  frame.setLocation(200,200);  // frame.setDefaultCloseOperation(JFrame.HIDE\_ON\_CLOSE);  } }*** |

Output:

A screenshot of a computer

AI-generated content may be incorrect.

**Q2.**

Code:

|  |
| --- |
| ***package Q\_02;   import javax.swing.\*; import java.util.Scanner;  public class Q2 {  public static void main(String[] args) {  Scanner scanner =new Scanner(System.in);  System.out.println("Enter your first name:- ");  String firstName = scanner.next();   System.out.println("Enter your last name:- ");  String lastName = scanner.next();   JFrame frame = new JFrame();  frame.setSize(500,300);  frame.setTitle(firstName+" "+lastName);  frame.setVisible(true);     } }*** |

Output:

A screenshot of a computer

AI-generated content may be incorrect.

**Q3.**

Code:

|  |
| --- |
| ***package Q\_03;  import javax.swing.\*; import java.util.Scanner;  public class Q3 {  public static void main(String[] args) {  Scanner scanner =new Scanner(System.in);  System.out.println("Enter your first name:- ");  String firstName = scanner.next();   System.out.println("Enter your middle name:- ");  String middleName = scanner.next();   System.out.println("Enter your last name:- ");  String lastName = scanner.next();   String initial = middleName.substring(0,1);  System.out.println(firstName+" "+ initial+"."+lastName);   /\* JFrame frame = new JFrame();  frame.setSize(300,300);  frame.setTitle(firstName +" "+middleName.charAt(0)+"." + lastName);  frame.setVisible(true);  \*/   } }*** |

Output:

A computer screen shot of a program code

AI-generated content may be incorrect.

**Q4.**

Code:

|  |
| --- |
| ***package Q\_04;  import java.time.LocalDate; import java.time.format.DateTimeFormatter;  public class Q4 {  public static void main(String[] args) {  LocalDate today = LocalDate.now();  DateTimeFormatter formatter = DateTimeFormatter.ofPattern("dd MMM yyyy");  System.out.println(today.format(formatter));    } }*** |

Output:

A screen shot of a computer

AI-generated content may be incorrect.

**Q5.**

Code:

|  |
| --- |
| ***package Q\_05;  import java.time.LocalDate; import java.time.format.DateTimeFormatter;  public class Q5 {  public static void main(String[] args) {  LocalDate today = LocalDate.now();  DateTimeFormatter formatter = DateTimeFormatter.ofPattern("EEEE, MMM dd, yyyy");  System.out.println(today.format(formatter));  } }*** |

Output:

A screen shot of a computer

AI-generated content may be incorrect.

**Q6.**

Code:

|  |
| --- |
| ***package Q\_06;  import javax.swing.\*; import javax.swing.border.TitledBorder; import java.util.Scanner;  public class Q6 {  public static void main(String[] args) {   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();   scanner.nextLine();  System.out.println("Enter Title: ");  String title = scanner.nextLine();   JFrame frame = new JFrame(title);  frame.setSize(width,height);  frame.setVisible(true);   } }*** |

Output:

A screenshot of a computer

AI-generated content may be incorrect.

**Q7.**

Code:

|  |
| --- |
| ***package Q\_07;  import javax.swing.\*; import java.text.SimpleDateFormat; import java.util.Date;  public class Q7 {  public static void main(String[] args) {  JFrame frame = new JFrame();  Date date = new Date();  SimpleDateFormat simpleDateFormat= new SimpleDateFormat("HH:mm:ss a");   String title = simpleDateFormat.format(date);   frame.setTitle(title);  frame.setSize(600,300);  frame.setVisible(true);  } }*** |

Output:

A white rectangular object with a black border

AI-generated content may be incorrect.

**Q8.**

Code:

|  |
| --- |
| ***package Q\_08;  import java.util.Scanner;  public class Q8 {  public static void main(String[] args) {   Scanner scanner = new Scanner(System.in);  System.out.print("Enter String: ");  String input = scanner.nextLine();   String[] parts = input.split("!");  if (parts.length == 2) {  System.out.println(parts[0].trim());  System.out.println(parts[1].trim());  } else {  System.out.println("Invalid Input");  }   } }*** |

Output:

A black screen with white text

AI-generated content may be incorrect.

**Q9.**

Code:

|  |
| --- |
| ***package Q\_09;  import java.util.Scanner;  public class Q9 {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.in);  System.out.print("Enter the String:-");  String input = scanner.nextLine();    System.out.println(input.length());  System.out.println(input.charAt(0));  System.out.println(input.charAt(input.length() - 1));  } }*** |

Output:

A screen shot of a computer

AI-generated content may be incorrect.

**Q10.**

Code:

|  |
| --- |
| ***package Q\_10;  import java.util.Scanner;  public class q10 {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.in);  System.out.print("Enter Odd Length Word: ");  String word = scanner.nextLine();   if (word.length() % 2 == 1) {  int middle = word.length() / 2;  System.out.println(word.charAt(middle));  } else {  System.out.println("The word is not odd-length.");  }  } }*** |

Output:

A black screen with white text

AI-generated content may be incorrect.

**Q11.**

Code:

|  |
| --- |
| ***package Q\_11;  import java.util.Scanner;  public class q11 {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.in);  System.out.println("Enter the your full name:-");  String name =scanner.nextLine();   String[] parts = name.split(" ");  if (parts.length == 3) {  System.out.println(parts[2] + ", " + parts[0] + " " + parts[1].charAt(0) + ".");  } else {  System.out.println("Invalid Input");  }  } }*** |

Output:

A screen shot of a computer

AI-generated content may be incorrect.

**Q12.**

Code:

|  |
| --- |
| ***package Q\_12;  import javax.swing.\*;  public class q12 {  public static void main(String[] args) {  JFrame frame = new JFrame();  frame.setTitle("My First Frame");  frame.setSize(300, 200);  frame.setLocation(50, 100);  frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);  frame.setVisible(true);  } }*** |

Output:

A screenshot of a computer

AI-generated content may be incorrect.