CT\_2021\_074\_LW\_01

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| Q1 | package Q\_01; import javax.swing.\*; public class WelcomeWindow {  public static void main(String[] args) {  JFrame WWindow;  WWindow = new JFrame();  WWindow.setSize(800,600);  WWindow.setTitle("Welcome Window");  WWindow.setVisible(true);  } } |
| Q2 | package Q\_02; import java.util.\*; import javax.swing.\*; public class UserWindow {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.*in*);  String firstName;  String secondName;  System.*out*.print("Enter Your First Name : ");  firstName = scanner.next();  System.*out*.print("Enter Your Second Name : ");  secondName = scanner.next();  String fullName = firstName + " " + secondName;  JFrame window = new JFrame();  window.setSize(800,600);  window.setTitle(fullName);  window.setVisible(true);  }  } |
| Q3 | package Q\_03;  import java.util.Scanner; public class Name {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.*in*);  String firstName;  String middleName;  String lastName;  System.*out*.print("Enter Your First Name : ");  firstName = scanner.next();  System.*out*.print("Enter Your Middle Name : ");  middleName = scanner.next();  System.*out*.print("Enter Your Last Name : ");  lastName = scanner.next();  char[] middle = middleName.toUpperCase().toCharArray();  String fullname = firstName + " " + middle[0] + ". " +lastName;  System.*out*.println(fullname);  } } |
| Q4 | package Q\_04; import java.util.Date; import java.text.SimpleDateFormat;  public class SimpleDate {  public static void main(String[] args) {  Date today = new Date();  SimpleDateFormat formatter = new SimpleDateFormat("d MMM yyyy");  System.*out*.println("Today's Date: " + formatter.format(today) + ".");  } } |
| Q5 | package Q\_05; import java.util.Date; import java.text.SimpleDateFormat;  public class DayDisplay {  public static void main(String[] args) {  Date today = new Date();  SimpleDateFormat formatter = new SimpleDateFormat("EEEE,d MMM yyyy");  System.*out*.println("Today's Date: " + formatter.format(today) + ".");  } } |
| Q6 | package Q\_06; import java.util.\*; import javax.swing.\*; public class CustomWindow {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.*in*);  String title;  int width;  int height;  System.*out*.print("Enter Window Title : ");  title = scanner.next();  System.*out*.print("Enter Window Width : ");  width = scanner.nextInt();  System.*out*.print("Enter Window Height : ");  height = scanner.nextInt();  JFrame window = new JFrame();  window.setSize(width,height);  window.setTitle(title);  window.setVisible(true);  } } |
| Q7 | package Q\_07; import javax.swing.\*; import java.time.LocalTime; import java.time.format.DateTimeFormatter;  public class TimeWindow {  public static void main(String[] args) {  LocalTime currentTime = LocalTime.*now*();  DateTimeFormatter formatter = DateTimeFormatter.*ofPattern*("hh:mm:ss a"); // Corrected pattern  String formatTime = currentTime.format(formatter); // Corrected variable name  JFrame timeWindow = new JFrame(); // Corrected variable name  timeWindow.setSize(400, 500);  timeWindow.setTitle(formatTime);  timeWindow.setVisible(true);  } } |
| Q8 | package Q\_08; import java.util.\*; public class ExclamationMark {  public static void main(String[] args) {  Scanner scanner = new Scanner(System.*in*);  System.*out*.print("Enter Here :");  String sentence = scanner.nextLine();  String[] words = sentence.split("!");  for (String word : words) {  System.*out*.println(word.trim());  }  } } |
| Q\_09 | package Q\_09; import java.util.\*; public class StrLenth {  public static void main(String[] args) {  Scanner scan = new Scanner(System.in);  System.out.print("Enter Here : ");  String sentence = scan.nextLine();  System.out.println(sentence.length());  System.out.println(sentence.charAt(0));  System.out.println(sentence.charAt(sentence.length()-1));   } } |
| Q\_10 | package Q\_10; import java.util.\*; public class MidChar {  public static void main(String[] args) {  Scanner scan = new Scanner(System.in);  System.out.print("Enter Here : ");  String sentence = scan.next();  System.out.println(sentence.charAt(sentence.length()/2));   } } |
| Q\_11 | package Q\_09; import java.util.\*; import java.lang.\*; public class NameStyle {  public static void main(String[] args) {  Scanner scan = new Scanner(System.in);  System.out.print("Enter Here : ");  String fullName = scan.nextLine();  String[] name = fullName.split(" ");  System.out.println(name[name.length-1]+","+name[0]+" "+name[1].charAt(0));   } } |
| Q\_12 | package Q\_09; import javax.swing.\*; public class MyFirstFrame {  public static void main(String[] args) {  JFrame frame = new JFrame();  frame.setSize(300,200);  frame.setTitle("My First Frame");  frame.setLocation(50,100);  frame.setVisible(true);  } } |