Example :

--------

package samplePack;

public class Employee

{

// member vaiables

public int eno;

public String ename;

public double salary;

}

package samplePack;

public class MyCompany {

public static void main(String[] args)

{

// employee class object

Employee obj=new Employee();

// call the employee class variables

obj.eno=100;

obj.ename="Mahesh";

obj.salary=80000;

System.out.println("Employee Number : "+obj.eno);

System.out.println("Employee Name : "+obj.ename);

System.out.println("Employee Salary : "+obj.salary);

}

}

Java Modifiers:

Private:

package package1;

public class Class1

{

private String mayname;

public static void main(String[] args)

{

// Class1 obj

Class1 obj=new Class1();

obj.mayname="Mahesh";

System.out.println("My Name : "+obj.mayname);

}

}

Protected:

package package1;

public class Class1

{

protected String mayname;

public static void main(String[] args)

{

// Class1 obj

Class1 obj=new Class1();

obj.mayname="Mahesh";

System.out.println("My Name : "+obj.mayname);

}

}

package package1;

public class Class2 {

public static void main(String[] args)

{

// Class1 obj

Class1 obj=new Class1();

obj.mayname="Mahesh";

}

}

Public:

Same Package:

package package1;

public class Class1

{

public String mayname;

public static void main(String[] args)

{

// Class1 obj

Class1 obj=new Class1();

obj.mayname="Mahesh";

System.out.println("My Name : "+obj.mayname);

}

}

package package1;

public class Class2 {

public static void main(String[] args)

{

// Class1 obj

Class1 obj=new Class1();

obj.mayname="Mahesh";

}

}

other package

-------------

package package2;

import package1.Class1;

public class Class3 {

public static void main(String[] args)

{

// Class1 obj

Class1 obj=new Class1();

obj.mayname="Mahesh";

}

}

Array List:

package examplePackage;

import java.util.\*;

public class ArrayListExample {

public static void main(String[] args)

{

ArrayList<String> a=new ArrayList<String>();

// add the values in array;

a.add("ashik");

a.add("chakravarthy");

a.add("harish");

a.add("nandhini");

a.add("rekha");

a.add("venkat");

// display the array values

//1 using iterator

System.out.println("Display the values using iterator");

Iterator it=a.iterator();

while(it.hasNext())

{

System.out.println(it.next());

}

// for each loop

System.out.println("Display the values using foreach loop");

for(String n:a)

{

System.out.println(n);

}

a.remove("rekha");

System.out.println("Display the values after remove");

for(String n:a)

{

System.out.println(n);

}

a.remove(3);

// After remove

System.out.println("Display the values after remove");

for(String n:a) {

System.out.println(n);}}}

Interfaces:

package examplePackage;

public interface OutputFunctions

{

void display();

}

package examplePackage;

public class A implements OutputFunctions

{

@Override

public void display()

{

System.out.println("This is class A");

}

public static void main(String[] args)

{

A obj=new A();

obj.display();

}

}

package examplePackage;

public class B implements OutputFunctions

{

public static void main(String[] args)

{

B obj=new B();

obj.display();

}

@Override

public void display()

{

System.out.println("This is B class");

}

}

Selenium:

Gmail Login Test:

GmailLoginTest

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package loginPackage;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

public class Gmailclass {

public static void main(String[] args) throws InterruptedException

{

// open browser

WebDriver d=new FirefoxDriver();

// type url

Thread.sleep(5000);

d.get("http://www.google.co.in");

// click on sign in button

Thread.sleep(5000);

d.findElement(By.id("gb\_70")).click();

// enter email id in textbox

Thread.sleep(5000);

d.findElement(By.name("Email")).sendKeys("maheshprojectdeveloper@gmail.com");

// click on next button

Thread.sleep(5000);

d.findElement(By.xpath(".//\*[@id='next']")).click();

// enter the password in textbox

Thread.sleep(5000);

d.findElement(By.id("Passwd")).sendKeys("lakshmi@143");

// click on sign in button

Thread.sleep(5000);

d.findElement(By.id("signIn")).click();

// click on gmail link

Thread.sleep(5000);

d.findElement(By.linkText("Gmail")).click();

}

}

How to handling textbox,buttons

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package facebookLoginTestPack;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

public class Example1 {

public static void main(String[] args) throws InterruptedException

{

// open browser

WebDriver d=new FirefoxDriver();

// open url

d.get("https://www.facebook.com/");

// send the emilid or phone to textbox

Thread.sleep(5000);

d.findElement(By.id("email")).sendKeys("mnaidu.thota@gmail.com");

// send the password to password textbox

Thread.sleep(5000);

d.findElement(By.id("pass")).sendKeys("lakshmi@143");

// click on login

Thread.sleep(5000);

d.findElement(By.id("u\_0\_m")).click();

}

}

How to handle Hyper Links:

package facebookLoginTestPack;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.firefox.FirefoxDriver;

public class HandlingHyperLinks {

public static void main(String[] args)

{

WebDriver d=new FirefoxDriver();

d.get("http://www.google.co.in");

d.findElement(By.linkText("Gmail")).click();}}