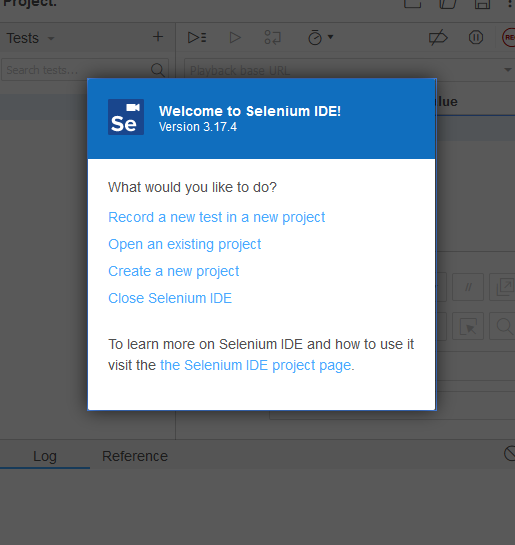
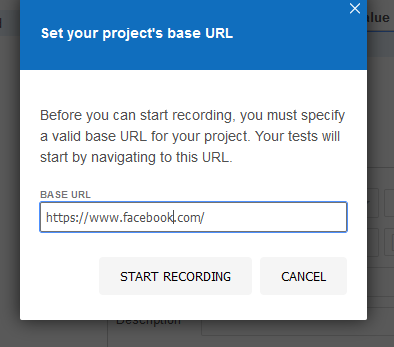
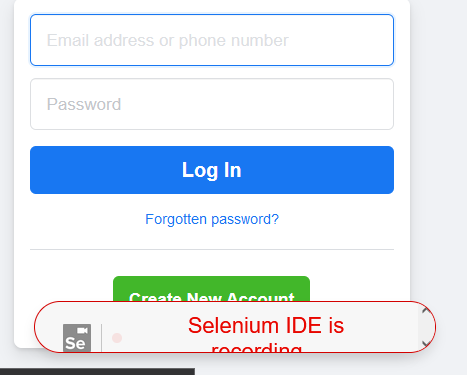
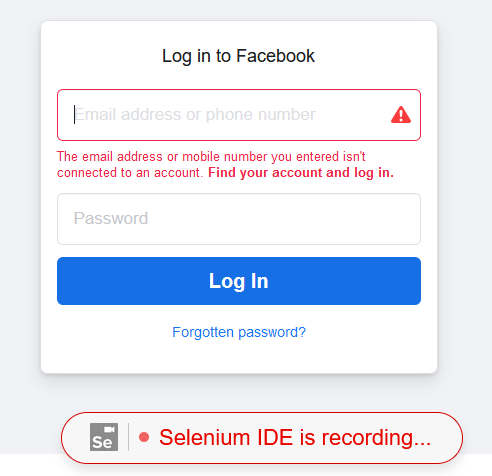
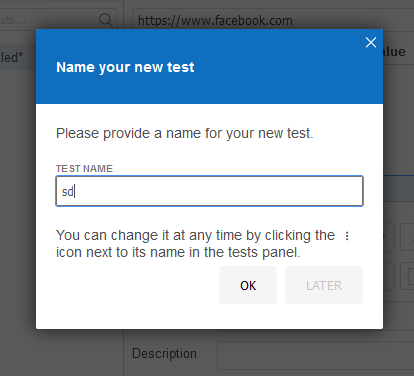
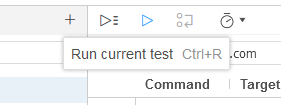
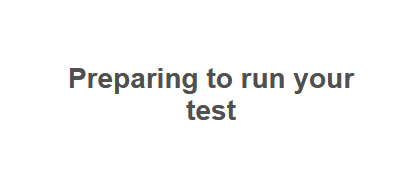
**Name – Ganesh Halpatrao**

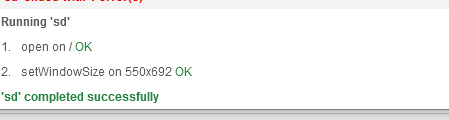
**Class - TY BSc CS Roll no 2096**

**Subject -Software Testing Practical (sub 5 )**

# Practical 1

1. Install firefox
2. Install selenium Ide Extension On firefox
3. Open selenium Ide Extension
4. This page will pop up 

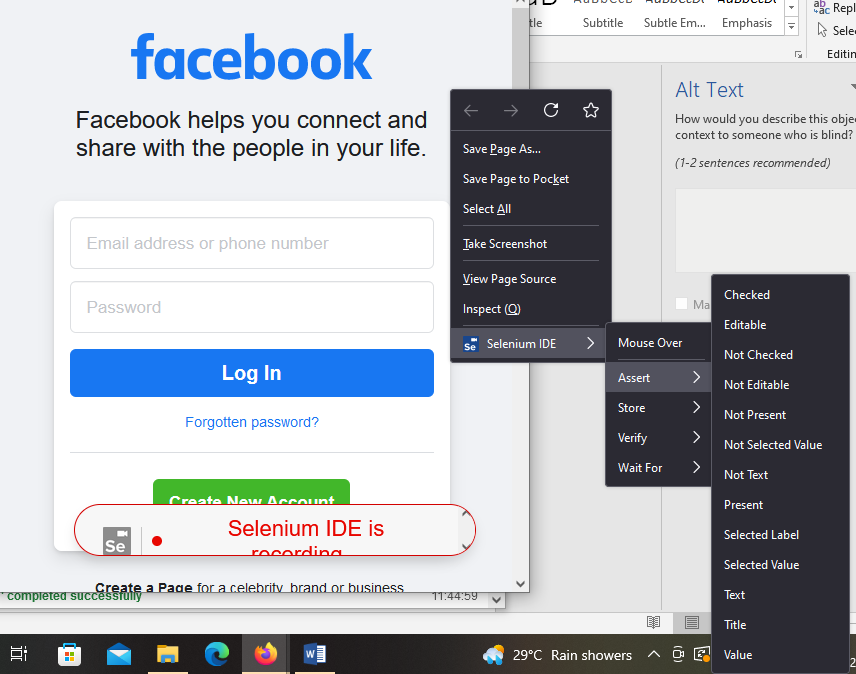
1. Then select
2. First option- record a new test in a new Project
3. Then name the project (anything )
4. then give URL and start recording
5. this will pop up
6. 
7. name the test after you have stopped recording
8.  run this test
9. its preform the test
10. If any error the delete

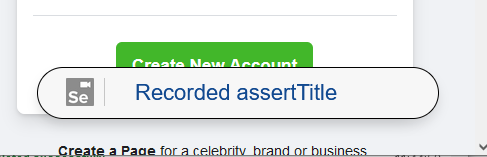


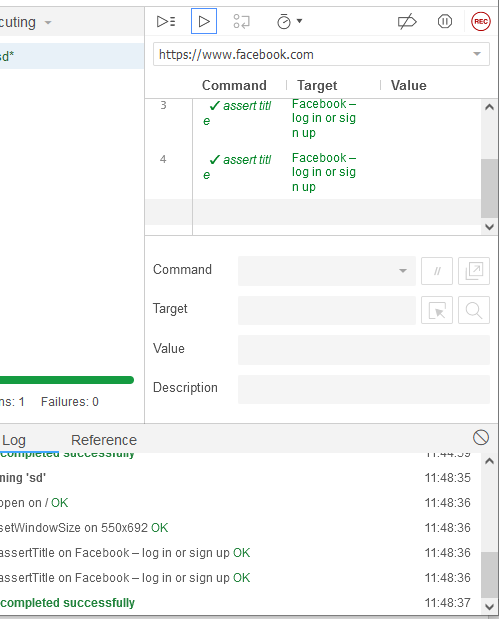
Output

# Practical 2

1. Its same as practical 1 just at the select



1. Then 
2. Then check the test



# Practical 3

**Aim: Install Selenium Server and demonstrate it using a script in Java/PHP.**

Step 1: First download Java 11

Open chrome and write JDK11->select option1(java SE development

Kit)->Go little down and select **Windows x64 Installer exe file>**Accept term and condition and download->Login or create account>jdk will downloaded>go to download section and double click on JDK11>allow this>next>next>close.

SET path

Go to C: drive>program files>java>java11-copy that path

Go to Pc>properties>advanced system setting>environment variable>delete java home>new>variable name:Java\_Home,Variable home: Copy that path>ok>ok>go to command prompt> type java version

**Step 2:Install Selenium Java libraries Open selenium.dev>Go inside download tab>Selenium server>select stable version 4.0.0 Go little down Browser section>select chrome>select stable version>select chromedriver\_win32.zip>open that>extract chrome\_win32**

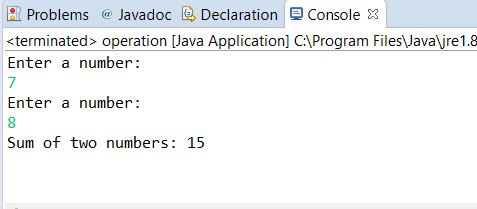
Step 3: install eclipse

Go to chrome>eclipse download>select first option>download packages>Go to Eclipse IDE for Enterprise java and web developers….select windowsx86\_64>select zip file>Go to download>extract eclipse file>ok>go to unzip file>eclipse>go to eclipse logo>double click>browse>launch>cancel welcome screen>file>java project>Project name:Selenium4>(Use an execution environment JRE:)select 1.8>finish>Go to your project selenium4>rc>build path>configure build path>libraries>Add external jars>select selenium server 4.0.0>open>apply and close>rc on src>New>package>name:day1>rc on day1>new>class>select public static void main:Name:FirstServlet>finish

**Source Code:**

|  |
| --- |
| package day1;  import java.io.BufferedReader;  import java.io.IOException;  import java.io.InputStreamReader;  public class FirstServlet {  public static void main(String[] args) throws IOException {  int a, b, c;  BufferedReader br= new BufferedReader(new InputStreamReader(System.in));  System.out.println("Enter a number: ");  a = Integer.parseInt(br.readLine());  System.out.println("Enter a number: ");  b = Integer.parseInt(br.readLine());    c = a + b;  System.out.println("Sum of two numbers: " + c);  // TODO Auto-generated method stub  }  }  } |

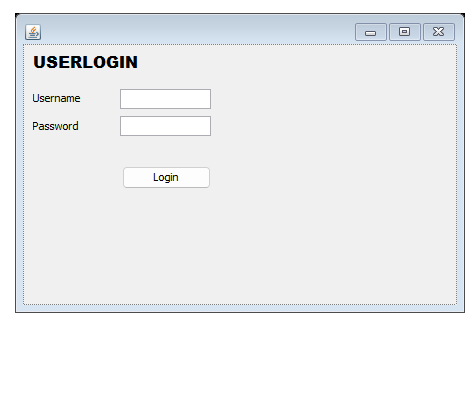
**Output:**

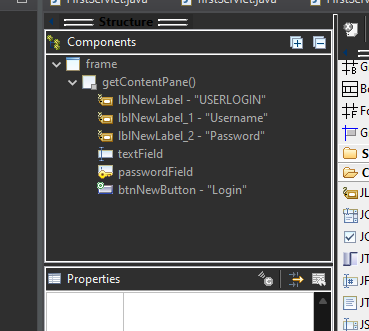


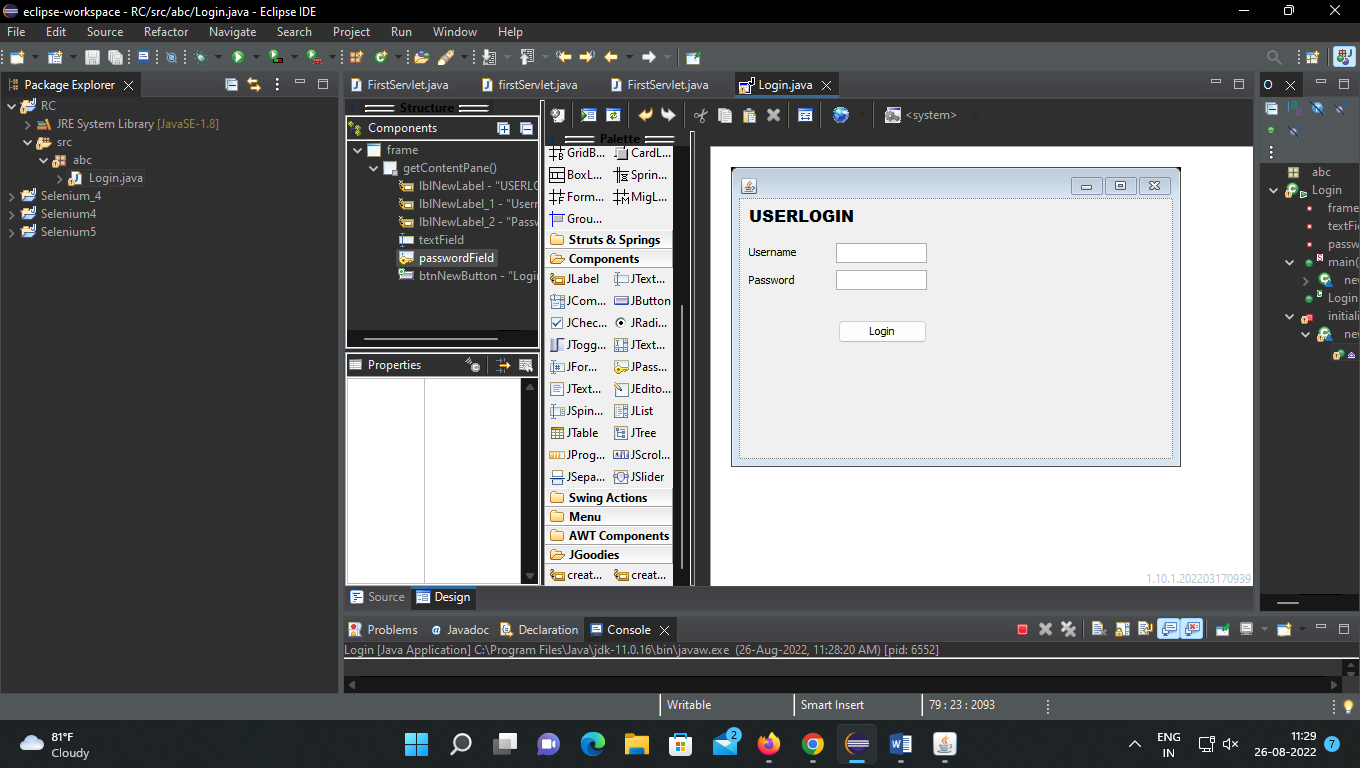
# Practical 4

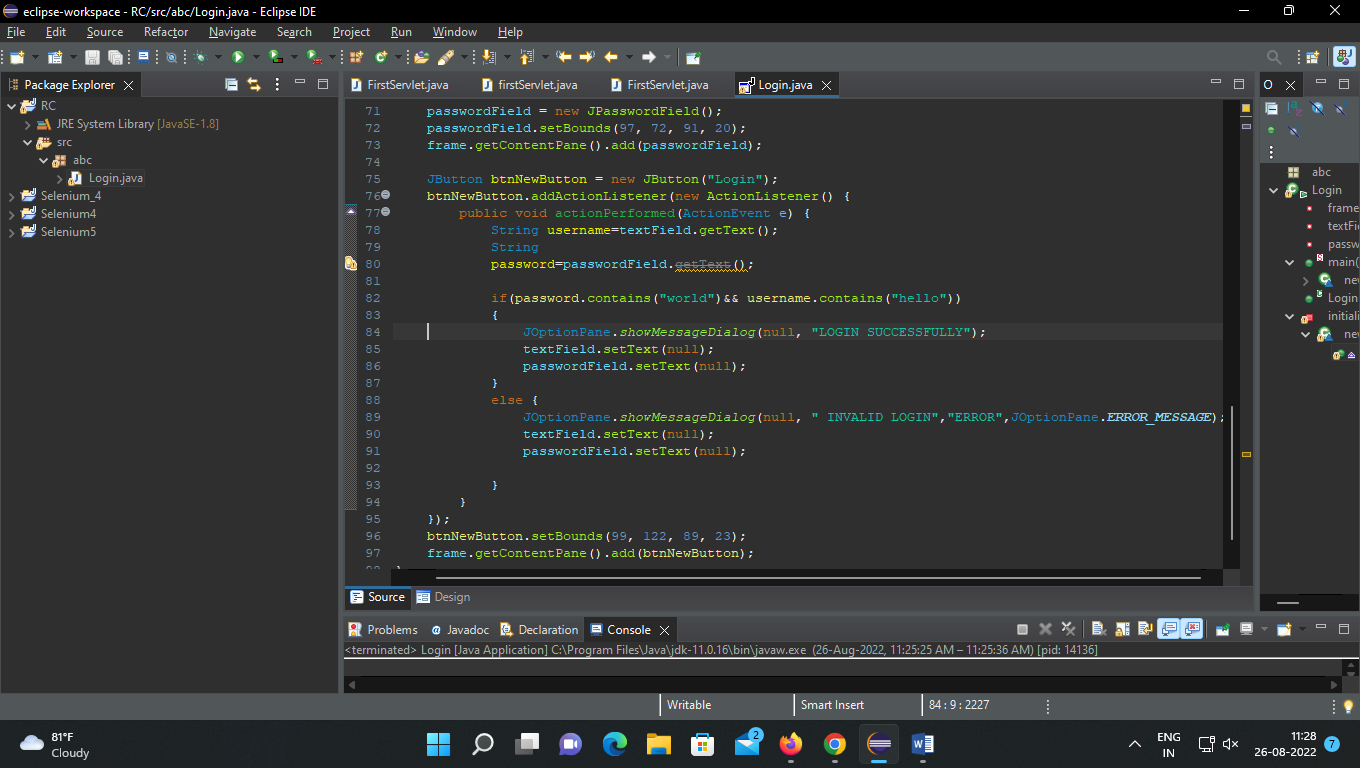
First open Eclipse IDE-create a java project-RC ON project -new- other-search WINDOWBUILDER.

GO TO HELP TAB- ECILPSE Marketplace- Write Windpw Builder in search tab-Enter-Search WindowBuilder-Install -Confirm- Click on Accept License aggrements-Finish-(wait for sometime) (a popup window will appear )Restart Now-Launch -RC on project -New -Other-Window buikder-Swing Designer-Apllication Window -Name:login(give name you want)-Finish -GO to design panel-Select absolute layout.









Code to write in button:

JButton btnNewButton = new JButton("Login");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String username=textField.getText();

String

password=passwordField.~~getText~~();

if(password.contains("world")&& username.contains("hello"))

{

JOptionPane.*showMessageDialog*(null, "LOGIN SUCCESSFULLY");

textField.setText(null);

passwordField.setText(null);

}

else {

JOptionPane.*showMessageDialog*(null, " INVALID LOGIN","ERROR",JOptionPane.***ERROR\_MESSAGE***);

textField.setText(null);

passwordField.setText(null);

}

}

});

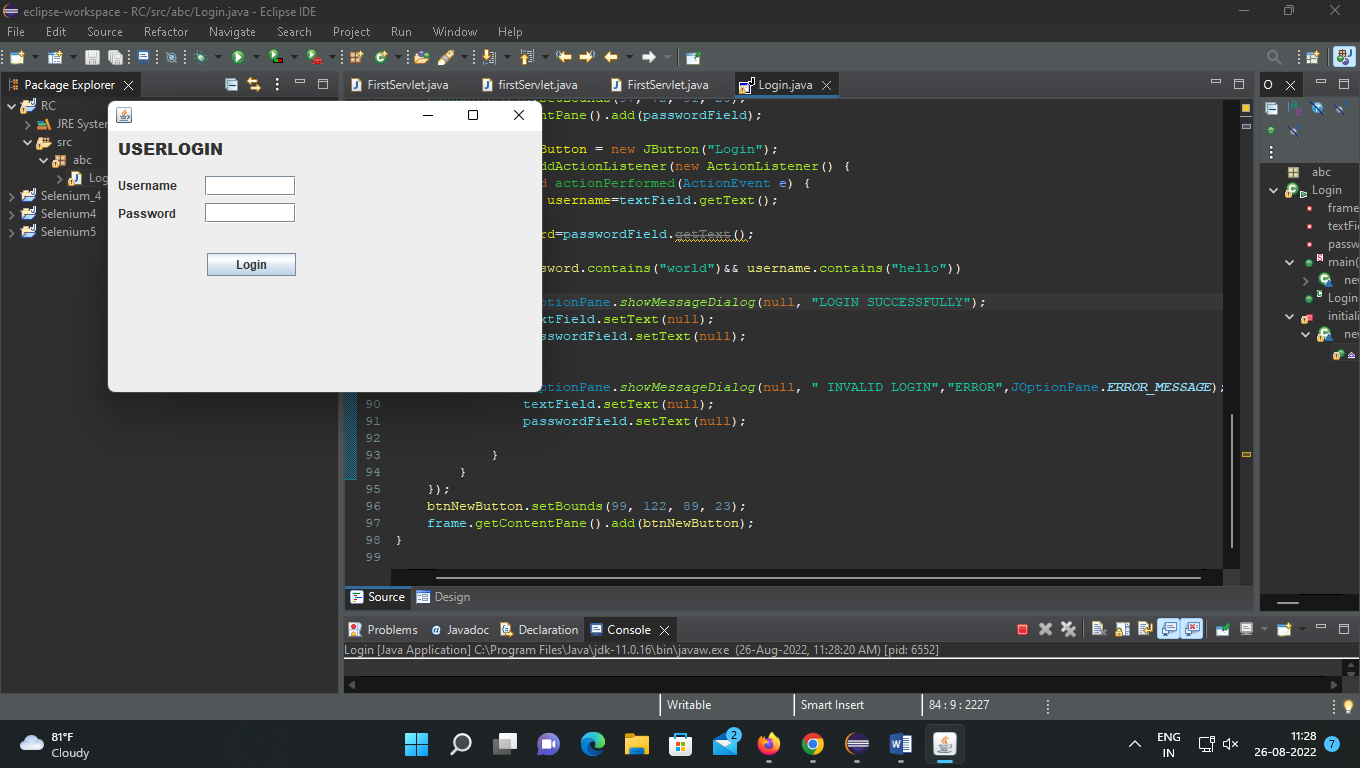
btnNewButton.setBounds(99, 122, 89, 23);

frame.getContentPane().add(btnNewButton);

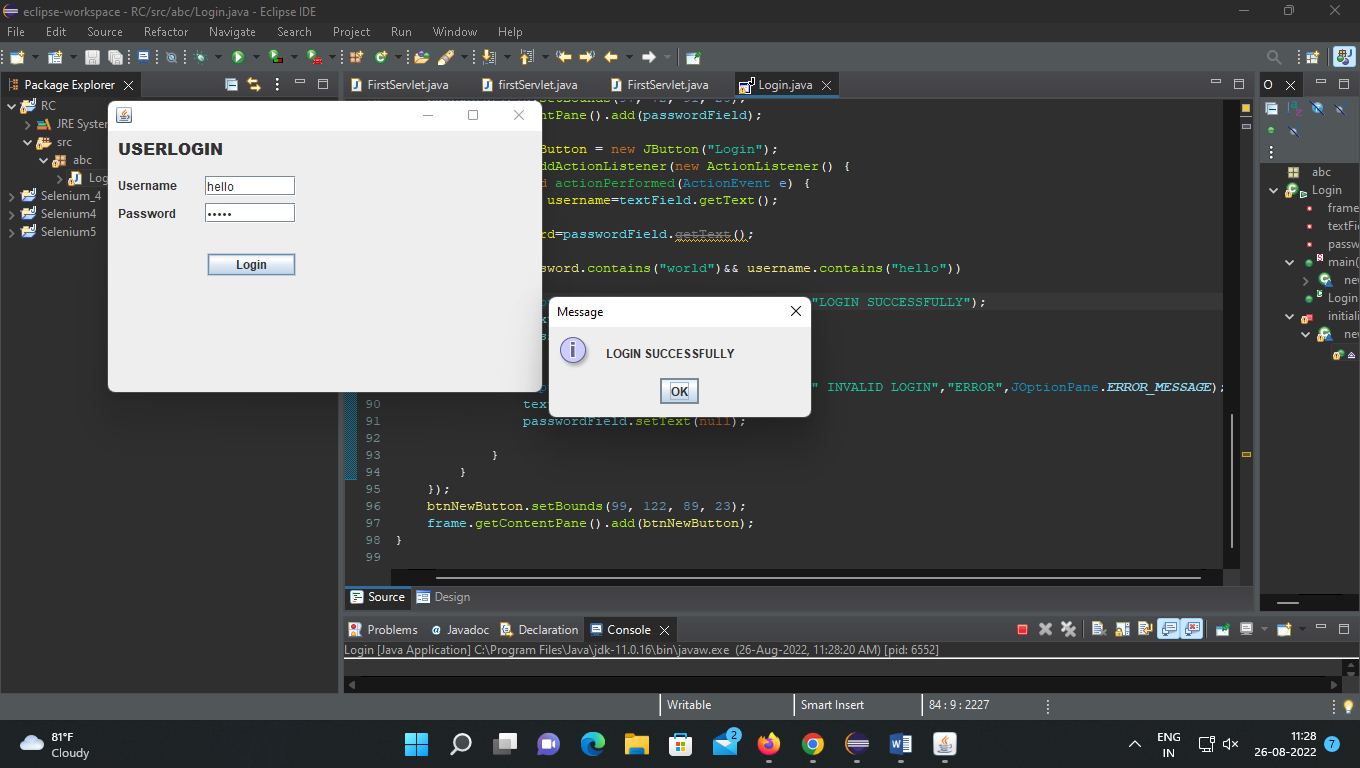
}

}

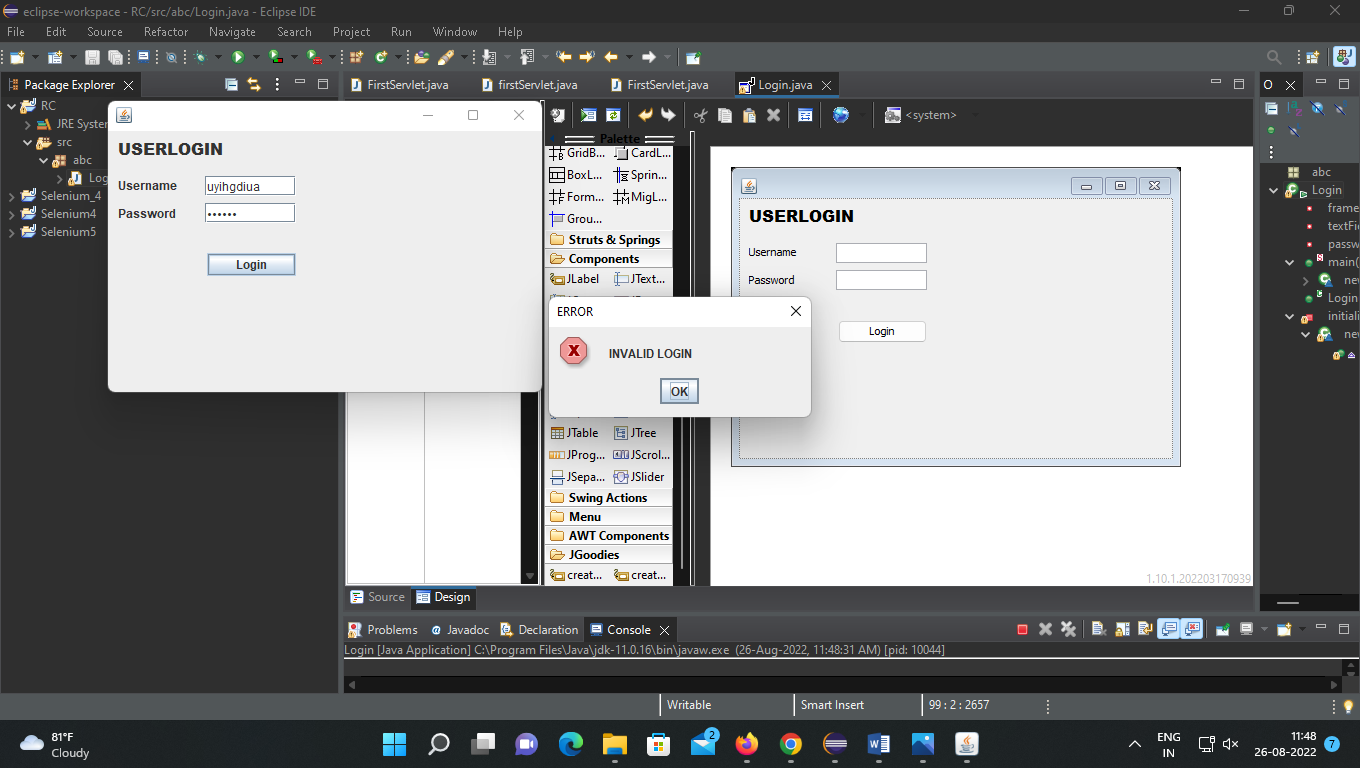
**Output:**



**Output of LOGIN SUCCESSFULLY**.



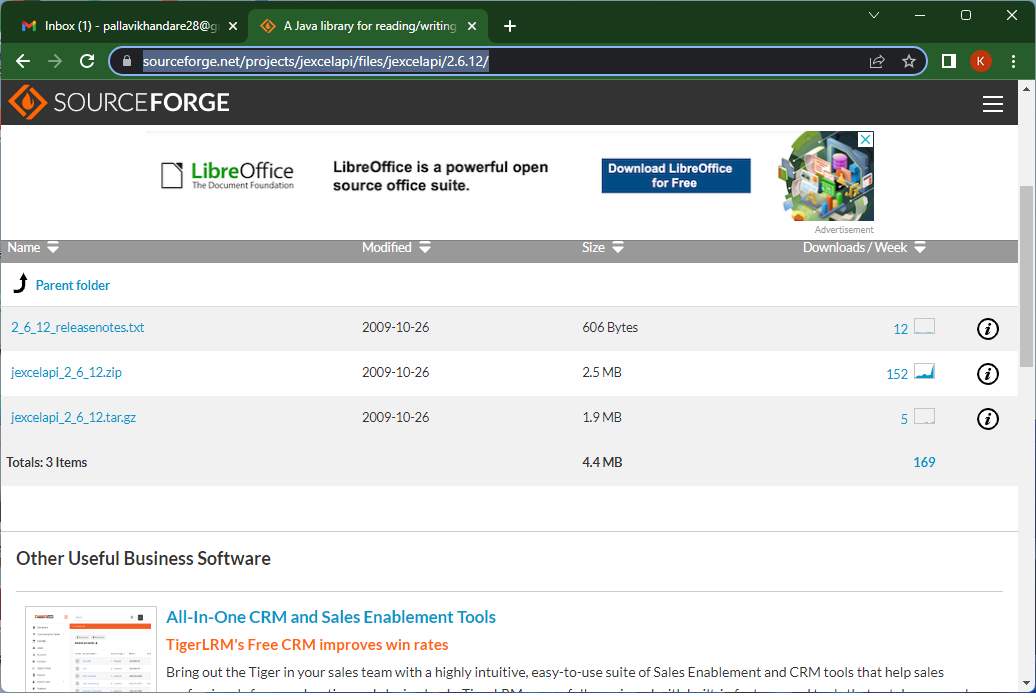
**Output of INVALID LOGIN**.



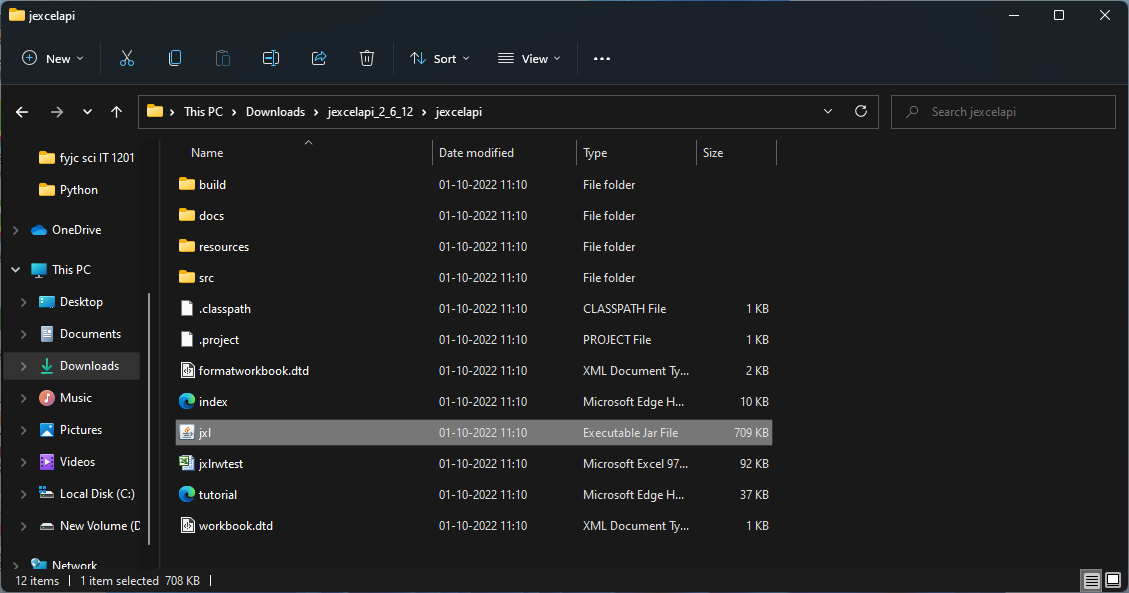
# Practical 5

Download jexcel

<https://sourceforge.net/projects/jexcelapi/files/jexcelapi/2.6.12/>



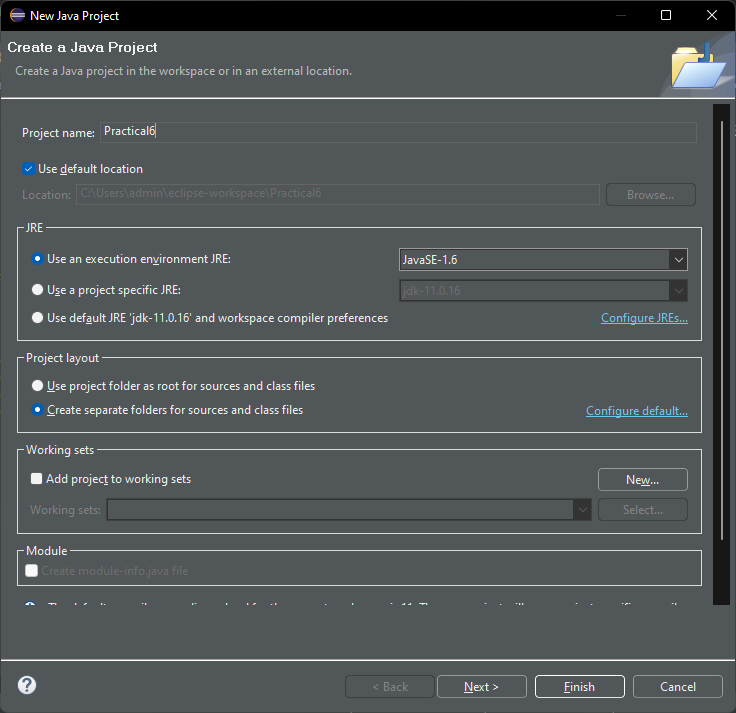
Jexcel Zip file- Extract all

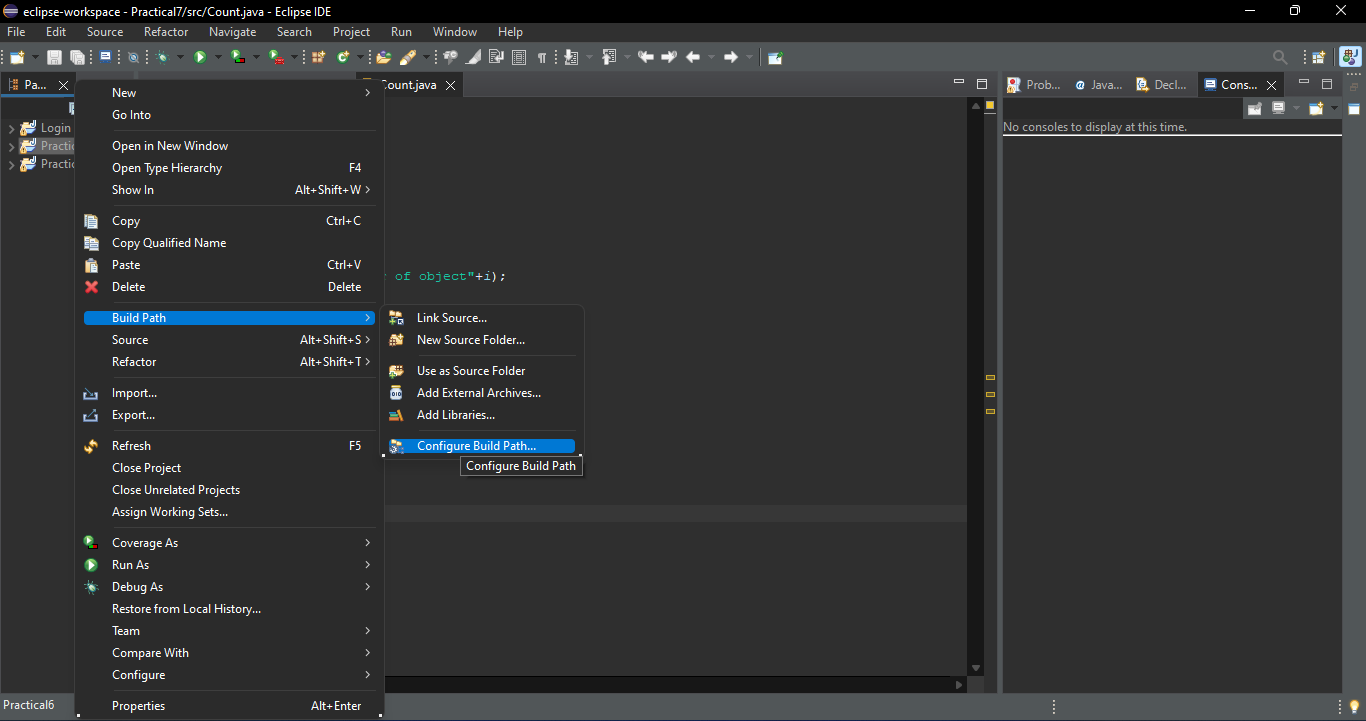


Open eclipse

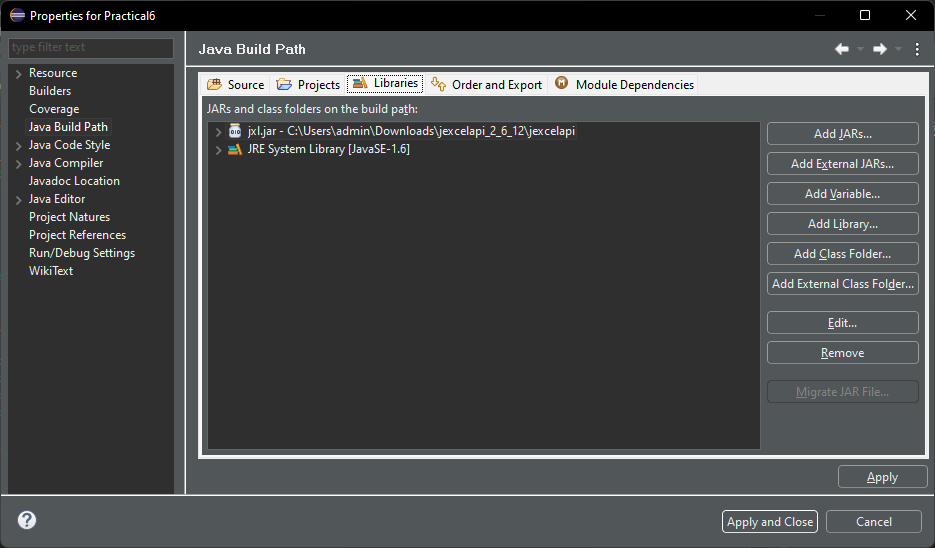
New project – practical6

Build path- configure build path- modify-

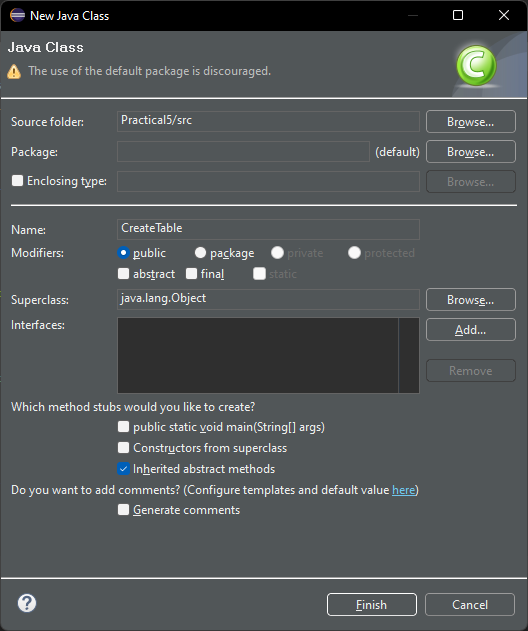




Libraries- add external JARS



Rclick) new- class



import java.io.File;

import java.io.IOException;

import jxl.Workbook;

import jxl.write.Label;

import jxl.write.WritableCell;

import jxl.write.WritableSheet;

import jxl.write.WritableWorkbook;

import jxl.write.WriteException;

import jxl.write.biff.RowsExceededException;

public class CreateTable

{

public static void main(String[] args) throws IOException, RowsExceededException, WriteException

{

File file = new File("C:\\Users\\admin\\Documents\\Student1.xls");

WritableWorkbook wb = Workbook.createWorkbook(file);

WritableSheet sht = wb.createSheet("data",0);

Label l1 = new Label(0, 0, "Result");

sht.addCell((WritableCell) l1);

sht.addCell((WritableCell) new Label(0, 1, "Pass"));

sht.addCell((WritableCell) new Label(0, 2, "Fail"));

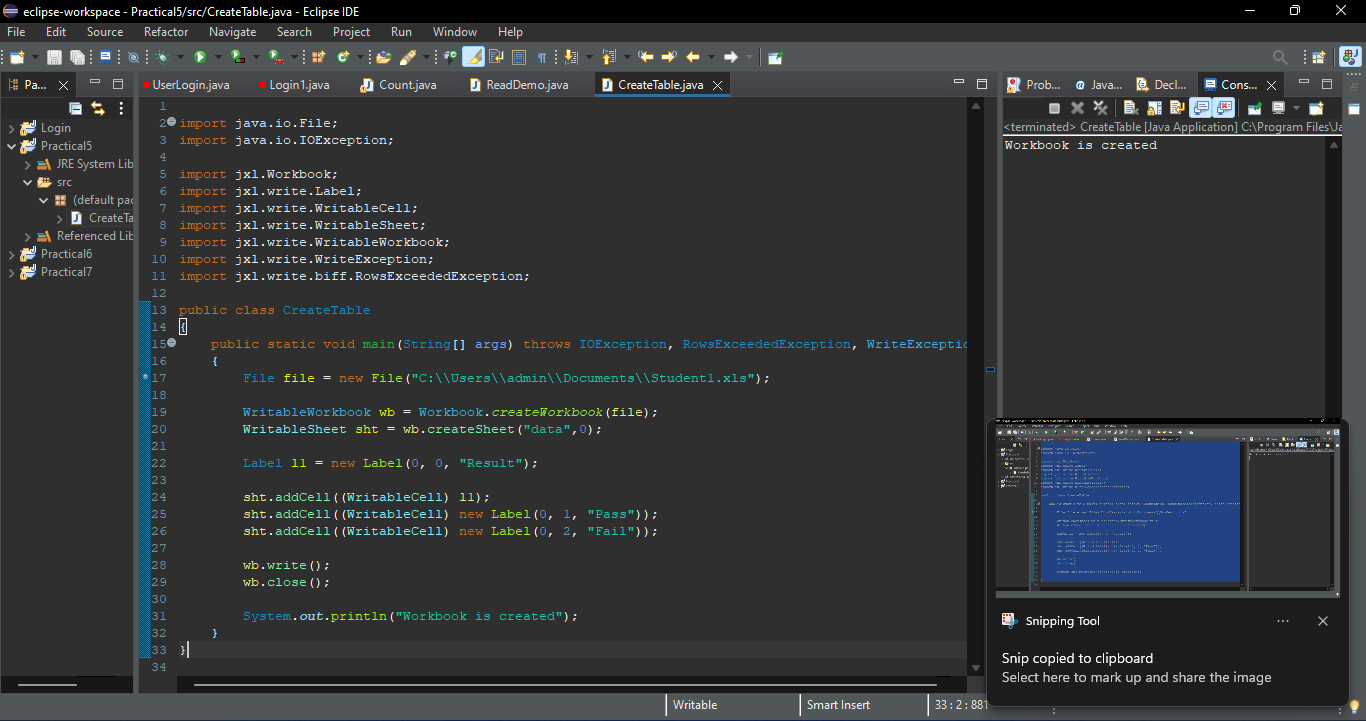
wb.write();

wb.close();

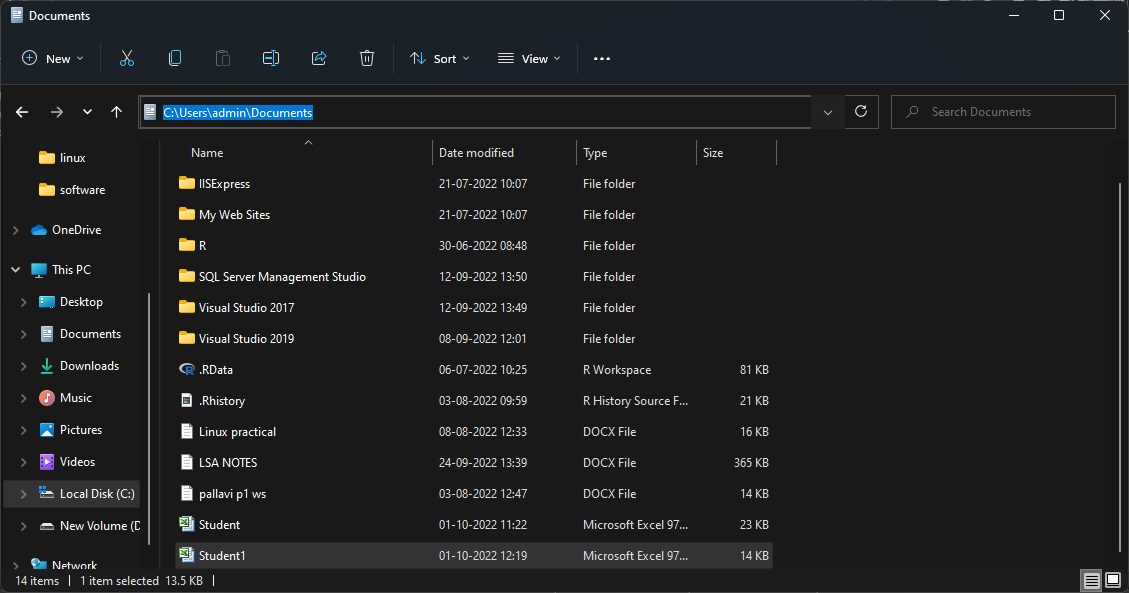
System.out.println("Workbook is created");

}

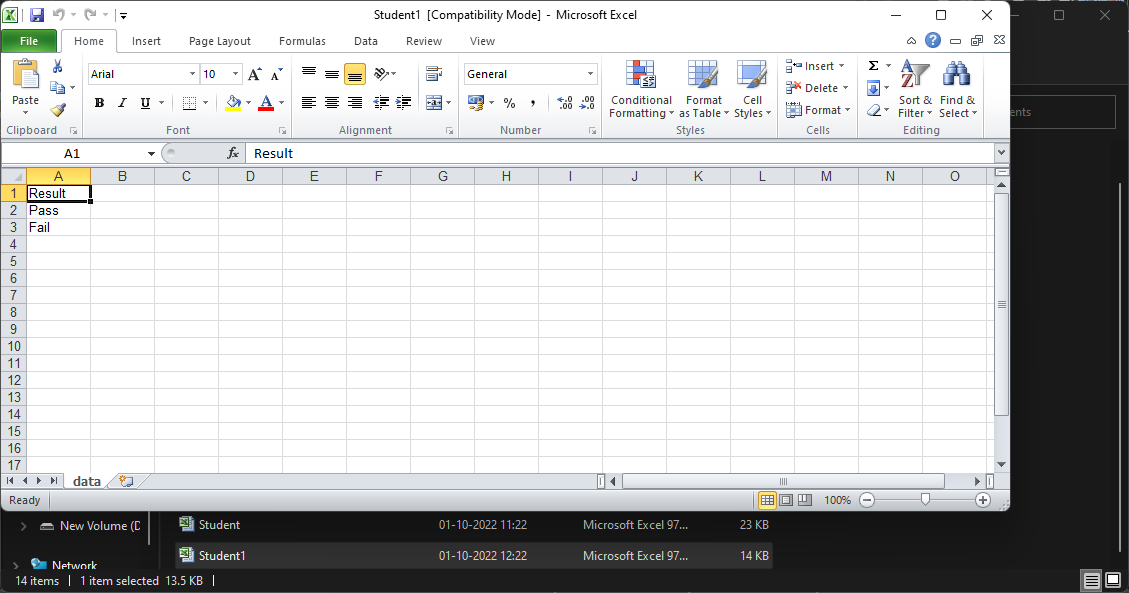
}



Check output:-



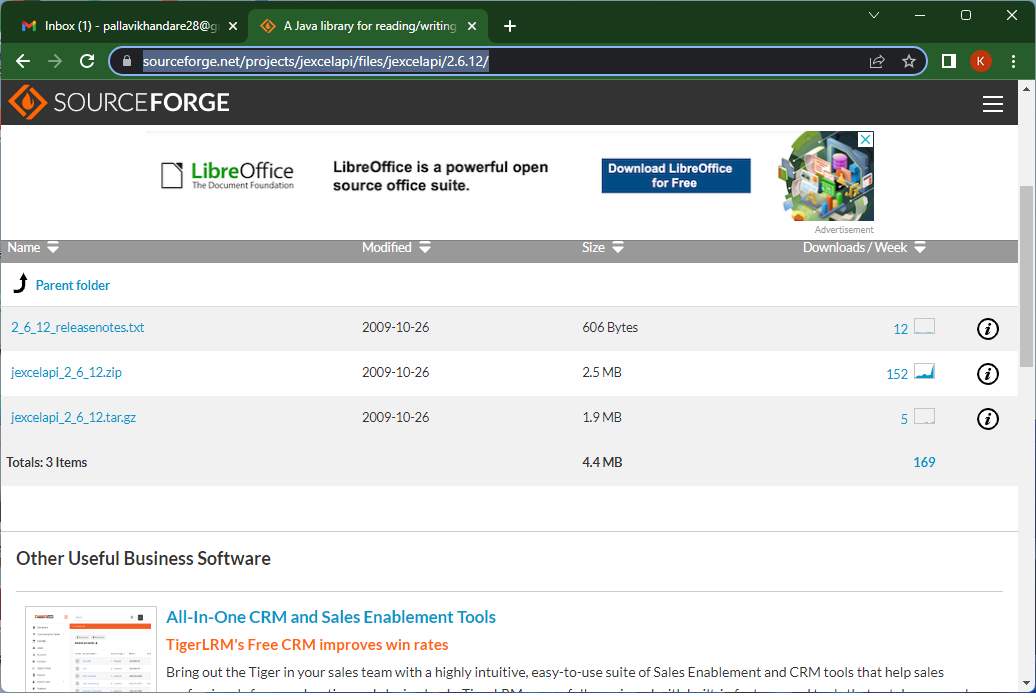
Open student1 file



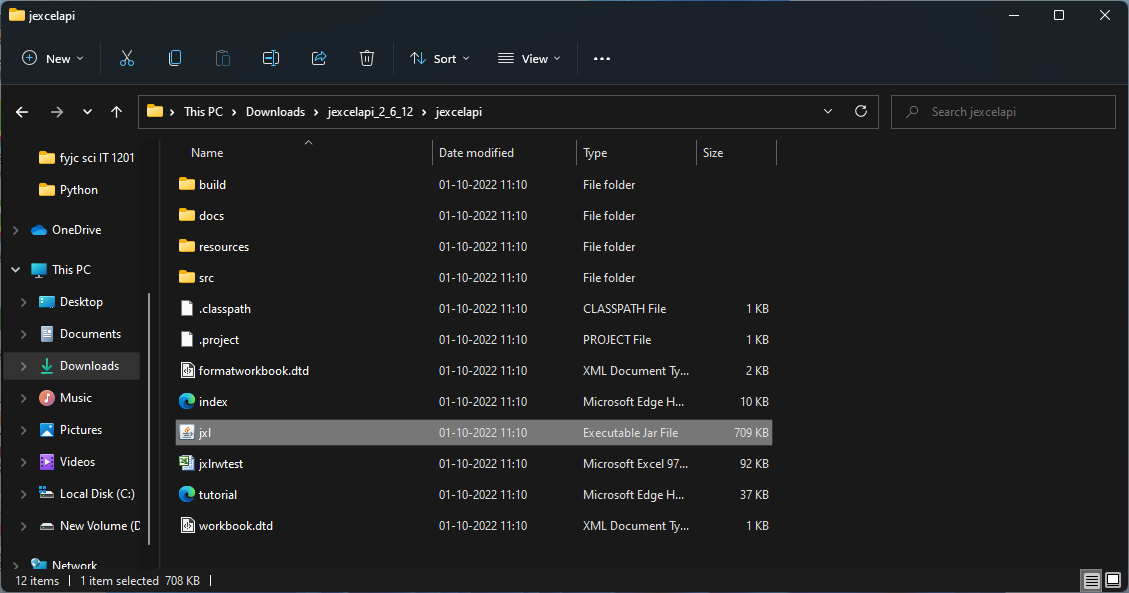
# Practical 6

Download jexcel

<https://sourceforge.net/projects/jexcelapi/files/jexcelapi/2.6.12/>



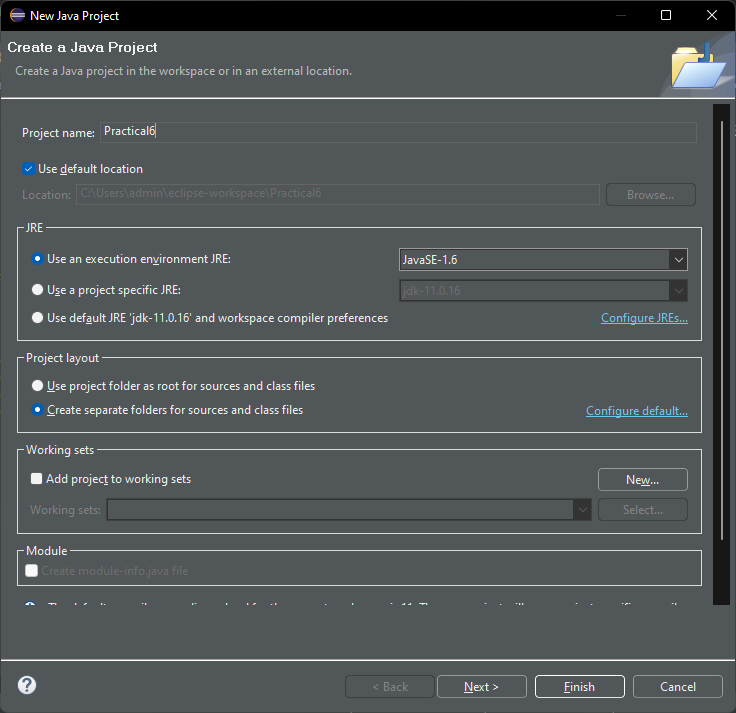
Jexcel Zip file- Extract all

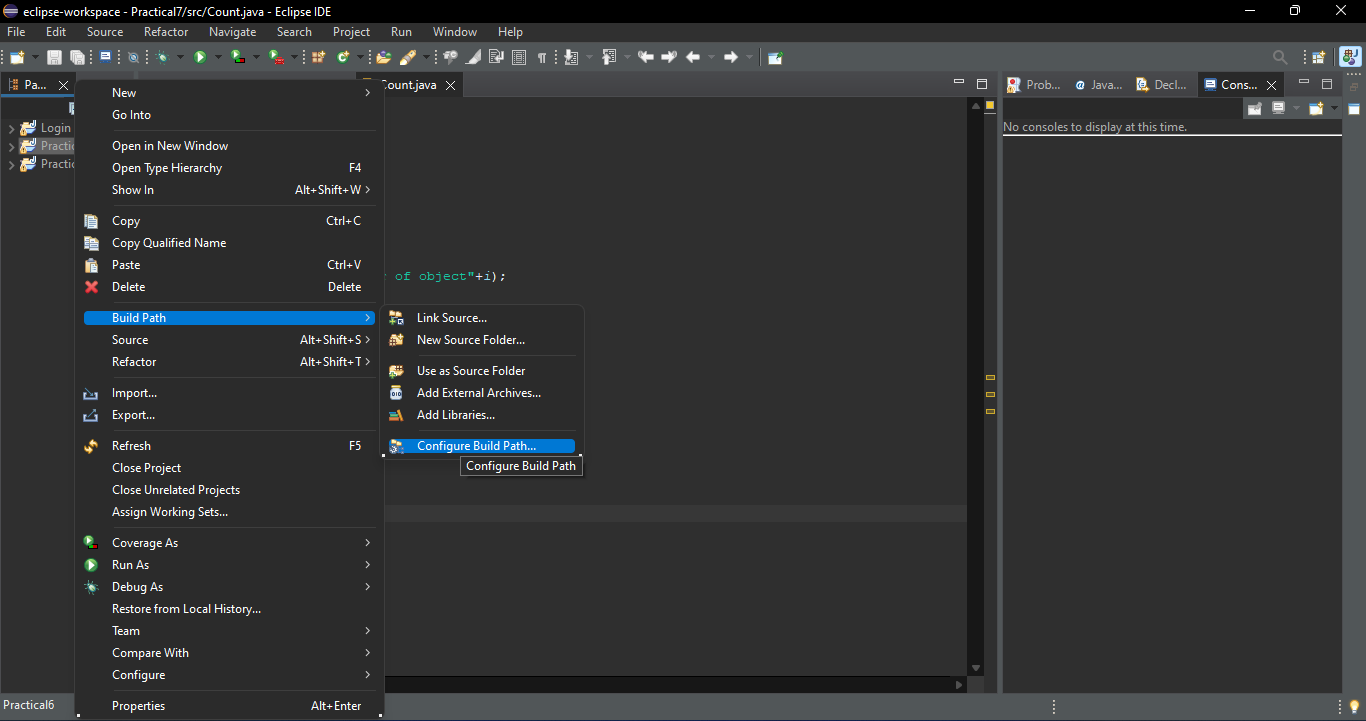


Open eclipse

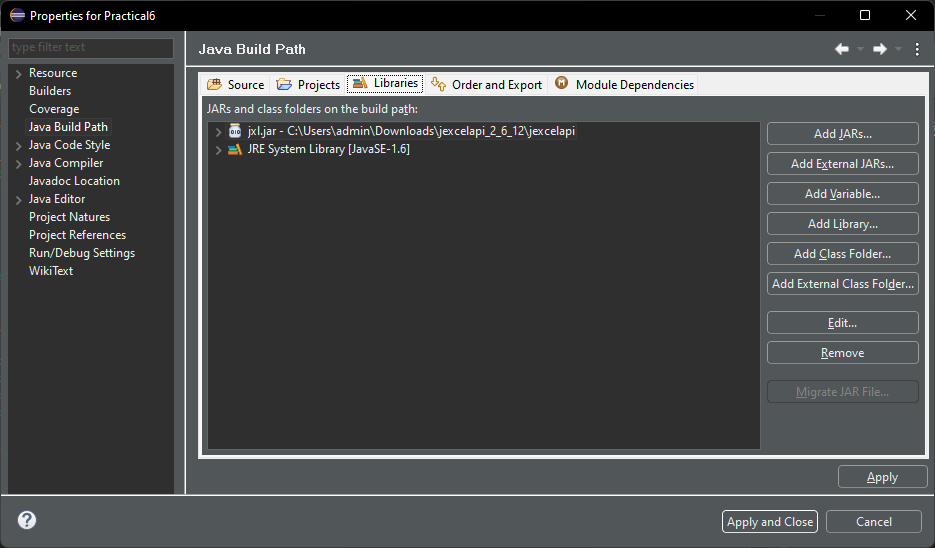
New project – practical6

Build path- configure build path- modify-

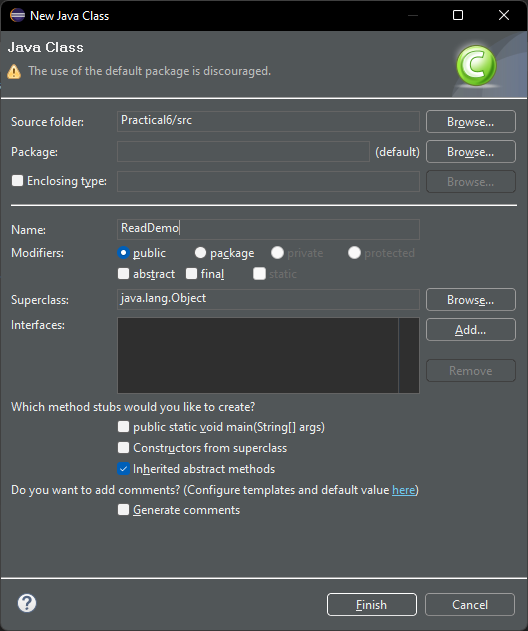




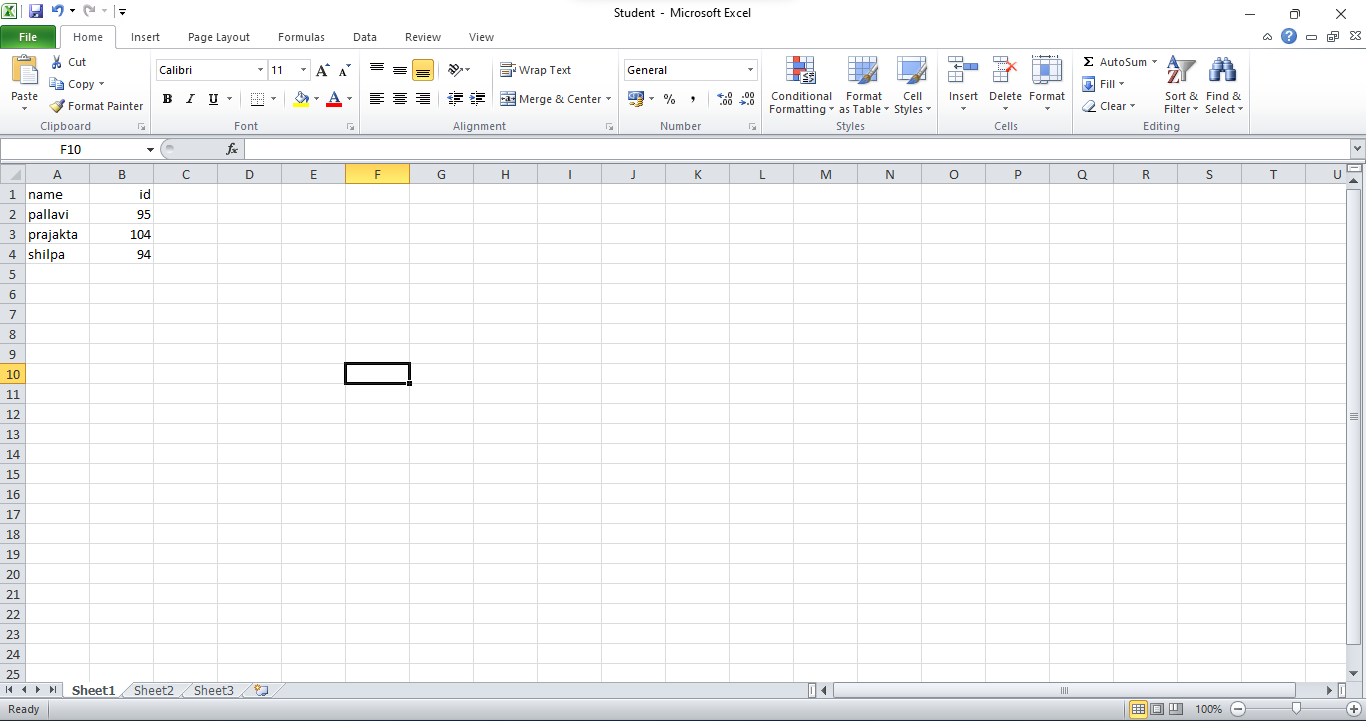
Libraries- add external JARS

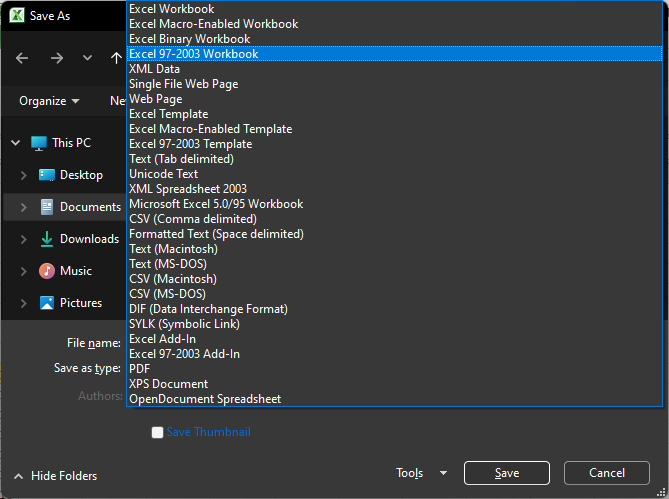


Rclick) new- class



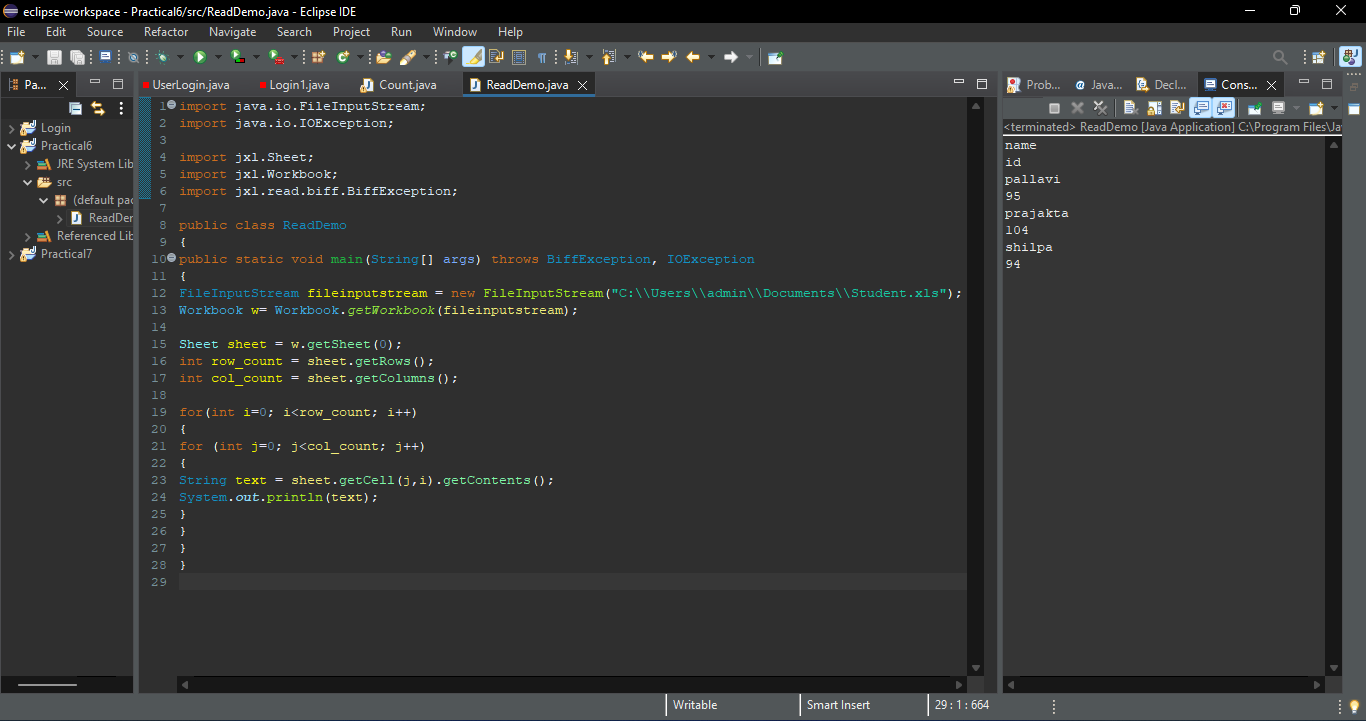
Create excel





Write code

|  |
| --- |
| import java.io.FileInputStream;  import java.io.IOException;  import jxl.Sheet;  import jxl.Workbook;  import jxl.read.biff.BiffException;  public class ReadDemo  {  public static void main(String[] args) throws BiffException, IOException  {  FileInputStream fileinputstream = new FileInputStream("C:\\Users\\admin\\Documents\\Student.xls");  Workbook w= Workbook.getWorkbook(fileinputstream);  Sheet sheet = w.getSheet(0);  int row\_count = sheet.getRows();  int col\_count = sheet.getColumns();  for(int i=0; i<row\_count; i++)  {  for (int j=0; j<col\_count; j++)  {  String text = sheet.getCell(j,i).getContents();  System.out.println(text);  }  }  }  } |



# Practical 7

Practical 7

Open eclipse

New project – name- finish

Rc) new project- new- class- (Count)

Code:

|  |
| --- |
| public class Count  {  static int i;  Count()  {  i++;  }  void geti()  {  System.out.println("Number of object"+i);  }  public static void main(String [] args)  {  Count obj1 = new Count();  Count obj2 = new Count();  Count obj3 = new Count();  Count obj4 = new Count();  obj1.geti();  }  } |

