LAB 7 Program 9: enteger divisions. The user enters 2 numbers en the tent field, Numl and Num2. The divisions of Num1 and Num2 or displayed in the Result field when the Divide button is disched. It Alumb or Num2 were not an enleger the program would throw a Number format Enception. If Num 2 were zero the Arithmetic true Desplay the enception in a mesage dialog suport jara. Surve. \*;
suport jara. auxtieuent. \*; das survey Denis Swing Demol) Thank "fem = new Thank ("D'vider App"); Marating a frame container. Jefem. setSize (275, 150); Voets the size of frame. Jen. setlagent (new Howlayout!);

My maker I the layout a simple layout

An which the component are arranged lefto right.

Jem set Default Close Operation ( I trame. EXIT\_ON\_close)

Mon clicking close it closes the frame. Jlabel glab = new Jealel ("Enter the devider and divident: ").

Mueales a tabel raying enter divider plindent J'Entirel agt = new J'Tentiell (8);

J'Entirell bet = new J'Tent field (8);

// sets the size tentireld for the number. JButton button = new JButton ("Calalate"); Il creater a button which has calculate as placetolder the name. Jakel er = nen Jlabel(); Jabel aleb = new Jabel); Jabel blab = new Jabel (); Jlabel anslab = new Thabel (); //creater labels for a, b, answer, eeros fram. add (eer); fram. add (jlab); fram. add (ajtf); fram. add (bjtf); fram. add (button); fram. add (stas); add adds the jean. add (anslot); //



Action listener I = new Action listener ()

2 public void action Performed (Action trent evt)

System. out. Println ("Action event from a

tent field"); 3') / when an event is form performed in the knt field statement is printed. aj f. add Action Listener (I);

bj. f. add Action Listener (I);

// Action listener definer what action should
be performed button. add Action Listener (now Action Listener)

Public void action Performed (Action Front ent)

Public void action Performed (Action Listener)

Public void action Performed (Action Front ent)

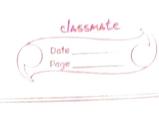
Public void action Performed (Action Fro (Set tent () sets the tent on the

Date Page catch (Number Format Energhan e) alab set tent ("");
blab set tent ("");
anylab set tent ("");
en set tent ("tuter only Integer"); I prints earn tent when ever occur catch (Arithmetic & treetien e) alab-set Tent ("");

blab-set Tent ("");

any lab-set Tent ("");

ers. get Tent (" & should be nonzero"); } 3 from set Visible (tems); I makes the frame public étatic void main (string agest) Swing Utilities. Roudle later (new Funnelle) quislic void exer() z new susing Demo (); Minuole later makes # synchorized



OUTPUT! Divider App Enter divider and divident [12] [2] [Calculate] A=12 B=2 Ans=6.

Javan swing or a parting Parkage which has
the "fackage swing.

setSize() & the function that sets the Size of the feame

set layout (new Flowlayout ()) sets the layout into a simple layout in which component are arranged left to right.

set Dfault Close Operation (I trom. EXIT\_DN\_cross=)
sets the default dose operation on the trame
shich says that it must close on emiting
I latel was is used for displaying specified

Rut.

J'Tent Keld () creates a sent field of specified size.

.dd() adds the contents onto the flame.

Action Listener () sets sent on the latel · set Tent() · set Visible () maker the events & yuchoring Invoke later

c: \Users\admin\Desktop\ooj12> C:\Users\admin\Desktop\ooj12>javac SwingDemo.java C:\Users\admin\Desktop\ooj12>java SwingDemo NAME:ADIKAR CHARVI SREE TEJA USN:1BM22CS012 Divider App X Enter the divider and divident 12 Calculate

A=12 B=2 Ans=6