(b). Write a program that creates a user in to perform enteger devesions the user Enter two numbers en the tock field, Num & Num & Enter two numbers en Num & Num 2 is displayed The division of Num 1 & Num 2 is displayed the division of Num 1 when Divide but. the aurosion of tield when Divide button; clicked. If NUM1 or NUM2 were not an inkger, the program would throw a Number Format Exception. If Num! were zero the program would throw an Arithmetic the program would throw an Arithmetic Exception in a message dialog box CODE: import javax.swing: +; import java. awt. \*; impost java, aut. exent. \*, class Swing Demo ? Swing Demo () } I Frame ifm = new I Frame ("Divider App) ifrm. set size (275, 150); ifrm. Set layout Cnew Flowkayout(1); ifrm, set Deput close operation (5 Frame Fxil Slabel slab= new slaber (" Enks) the divid and divident J Textfield att = new J Textfield (8); stertfield bitf= new JTextfield (e); JBurton ("calculat JButton button new

```
Hamiolisamua) (1946)
          err new Slabel ();
  Slabel
                                   (" FAIR)
           alabe new slabel (s);
  5 Label
          blabe new Jlabel ();
 Jlabel
          anslab = new Jlabel ();
                                    Cot Or (ANTHORETE FROM
 5 Label
  ifrom. add (evr);
                          sol bluste &" ) to 1432 mg
  ifrom. add (jlab);
                                           16666
  item, add Cajty);
                               Court ) oldini X+92 my fo
  jtrno. add (bjt);
  item. add (button);
  ifrm. add (alab);
                           19) gram 69 of shorts
                                                    JUda9
  ifrm. add (blob);
                           satisfiches. invokelat
  itra. add (anelab);
                               nuy bion
   Actionlistenen listenen = new ActionListenen () of
      Public void action Penjorm (Action Exent evt) {
           system. out. printin ("Action event from a
      3; ajtj. add Action Listenen (listenen);
         bittiadd Action Listenen (listen en);
     button addAction Listener (new Action Listeners) &

public void auton Performed (Action Event eve)

try & Port a = Integer, Parse Int (aftf. get Text);
(0x);
         int b= Intgen. ParseInt (bitj. get Tect());
         A(p==0) &
                           Asithmetic Graption (); 3
            throw new
         int and = a/b
          alab. Set Test ("In A = "+ b);
         blab. set Text ("InB="+ b);
         anglab-set Text ("IAMs = "+ ans);
         err. set reset ("17); 3
```

5-motException e) 2
Catch (Number Format Exception e) &
atch (Number Formatticeprise Intergens)"); our. setText (" Enter only Intergens)");
9
3 Emotion of
at the Axilhmetic Exception
certerit ("B should be Non Zuro)");
On, said
9 9 9 9 9
ifrm. set Kirible Ctoure);
ifrm. set Virible Ctoure);
Cation appearance
public static vold main (string argics)?  public static vold main (string argics)?  system.out. printlin (intathorn's 2023 Bitso2586  Swing Utilities. invoke late) (new Runnable ()  public void run ()?  public void run ();
system. out it es. invoke later (new Runnable ()
swings mid run U?
Public Demo ()
new swing Demo ();
3 33) 3 3 7000 6 700
output:
Santhosh-S 2023 BM 02586
Contract description (laster on)
:(10 MALI) CARNOLL
(10 ma) majoria [0] 600   611
(a) (a) (a) (a) (a) (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
(Gloulate)
Be should be Non Zero!
A Discourse Co Hast - 10 that & have
int b I Total . Total to Colty . Bet 16040)
\$ COONED STOURNESS
Economical Icalailare
Enter only Integers
blob. set text (1) n8= + blob
(lear E' = 878/1") to 37 - 98. dal 2019
\$ (00° ) begg too 300

から

## Functions: -

JFrame:

Represents the main window of a ful appliation. It can provede functionalities to create, manipulate and manage top-level containers. we can add buttons Fest field using this.

Set Size:

set Size (That width, int height) is a method of the Strame class used to set size of the frame window in prxels.

Set layout:

Set Layout Clayout Manager (ayout) vis a method of the container which chooses how componente inside the window one orranged. Clayout

Jlabel:

Displays the test of Emages on the window.

Sfield:

Provides an editable tock box for user input.

add Frame:

used to add new Frame.