I wrote a Playan that cleates a interface to perform integer divisions. The user entall two numbers in the text fields, Num 1 and Num 2. The division of Num 1 and NUM 2 is displayed in the Result field when the I wide button is clicked. If Numi & Numi were not an integer, the peoglam would throw a Number Folhat Exception. If Num2 well zolo , the peoplem would Mean an Alithmetic Exception Display the exception in a message dislog box.

code with Explanation:

imbolt janaa. Suing . *;

import joue aut . * ;

impolt java. aut. lunt. 4;

public class Suiz Dans ? Swing Roma () {

> OFlame i flame = new OFlame ("Divided Tool"): ifene. SetSire (20,300); i flame. Set layout (new Flourlayout ()); ifteme. Let Default Close Operation (Frame. FXIT-ON_CLOSE),

Tlabel ; label = new Tlabel ("Enter the Dividend and Divilor ::: \n'');

Freatfield aff = new Treatfield (20);

That Field by = new That Field (20);

Thutton jobs = new Thutton ("Quide");

Tlabel ell new Stabel ():

Jabal aline = new Jabel ():

as about and exarms the

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jame. add ( ; label);
       ifreme add (alive);
 i flame add (atf.);
i frame. add (alab):
 ifrance. add (by);
; grame add (blab);
i frame add (ibtn);
                       morphily site, regarding
  i frame. add (onslab):
isterne. add (ess);
        john. add Action listener ( new Actionlistener (2)
            public void action Performed (Action Examples)
                thy &
                    int a = Integer. parse Int laf. getter
                    int b = Integer. Palse Int (by. 346
                    int and = alb; I have
                    alab. SetText ("InA="+a);
                    blab. Set Text ("InB="+ b);
  and set Text ("In And ="+ and);
        Catch (Number Format Exception e) &
    alab. Set Text (" ");
listand and some " and blab. Set text (""):
                    conslab. Set Toot (1'1);
       ell. Settest ("Enter only
       (as) loss type and a fed loss ");
       catch CARithmetic Exception e) {
                    alos settext (" ");
             blass. Set Text ("");
                    anslab, Settext (" ");
                    ell. Settext l"B Should be
                      Non-Zero Number ....!");
               3
        3); 3
```

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i Kame. Seturible (thus):
     public States void main (String () olgs) of
          Suing utilities. invokelatoh ( new Runnable C) 1
               kublic void lunes of
                     new Sowing Demo ();
               3
          3),
    3
Explanation:
1) I Flame: Used to cleate a freme window
2) . Set Size (420, 300): Set mindom Size midten of height
3). Set layout ( new Flourlayout ( ));
    : Setting layout type.
y) Tlabel: It is used to Display a line of Read
              only text.
5) Treatfield: Clate a Text Field
6) 5 Sutton: Cleates a Button
3) add Action listerel: adding click listerel on button
3) . Set visible (treve / false): make the flame visible &
                             muiseble
Output:
        Entel the Rivident and Rivisel: 40 A=40
           5 B=S Divide And=8
```