```
LAB-9:
import javax. swing. +;
import java. awt. *;
import java awt event . *;
class userInterface ?
                            00 A boxeles Bog
    User Interfece () }
    Mereale Jerome contoiner ("Divider App");

Jerame Jerm = new Jerome ("Divider App");
    jfm. setsize (275,150);
    John setloyout (new FlowLoyout ());
    ifm. set Default Close Operation (JiFrame. EXIT_ON_LLOSE);
   Jlahel jlab « new Jlahel ("Enter The divider & divided:");
   11 add text field for both numbers
   Textfield ajt 2 new Trextfield (8);
   Treat Held bit = new I Text Field (8);
   JButton button e new JButton ("coleulate");
   llabels
   Jlobel err= new Jlohel();
   Jlobel aleb = new Jlobel ()
   Jlabel blab = new Jlobel ();
  Tlabel onelob = new Tlabel();
 Il add in order
  i frm. add lerr); Il to display error message
 5 brm. odd (jlab);
 3/m. odd (asti);
```

```
Ilim add (bjth);
    ibom. add (button);
   j'bm. odd (alab);
                                   may half mad
                                Jan 26400 90 ( 100
   Jom. add (blab);
   jbim. add (anilob).
   Achon Listner colcellate Listner = new Action Listner () }
      public void action Performed (Action Event evt) ?
             int a = Integer pareint (2jth.getText());
int b = Integer pareint (bjth.getText());
I(b==0) }
             7 (b==0) {
                 throw new AnmmeticException ();
           int an = a/b;
          alab. set Text ( " \n A = " + a);
          blab. setText ("In B="+b);
          anilah. setText ("In Ans = 1 + ans);
         err-setText (""); Il clear ony preverors
      g catch (Number Format Exception e) {
        oliep log Error Message ("Enter only Integers!")
      g cotch (Anthonetic Exception e) 3
          displayerror Mersoge ("B should be nonzero);
privale void dieplay Error Message (emp næssege) ?
     alab. set Text ("");
    · blab · set rext ("");
     anglab setText ("");
   errosetText (mescoge);
```

button edd Admon Cremer (calculate Listner) 11 dreplay frome jbm. servisible (me); public 810the void main (8ming orgs []) ? Il create frome on event displanting med suing utimes invoke Later (new Runnable es q public void run () & new User Interfece (); ( ) ready residential were were 3); output: the me elimeter and amderet. fresion Error Marioge Compa

Functions used:

Throme: It is a top law contoiner in Townsmy that expresses a window with a title har, horder and sphonal member.

Setsize: It is used to sets: ze of the frame

set layout: This line sets the layous manager for the from to Flowlayout, which arrange composent from left to right in a flow like manner.

add: This line adds the error label to the frame settext: This line sets the text of the 'A' label to display the value of 'A'.

set visible: This line makes the frame visible invoke later: This line schedules a job for the event alrepaint in schedules a job for the event alrepaint in the sets and show the Qui