```
lab pagroun -9
a write a program that create a cur estrape to
     perform integer directors the user enters too numbers
     in the text fields, nems & nems the division of numer
   nume is displayed in the result field when the direct bullon
  is clicked. If nems on munz were not an enterge the program would thrown a number tormat teception. It nums were rose, the program would thrown on Arithmetic Exception
   sisplay the exception in a message dialog bon.
     import Jamax Swing +;
     import jana aut +;
      import jana. and . event . *;
      class SwingDomo ?
          Swingpowo ()
             JERame Jeun - new JErame ("Divida APT");
              J from - selsere (300, 250);
             ifern. set layout ( new Flowlayout (1).
             Ifrm. set befault absopration (I From. Exit-ON-CLOSE);
             Thabel nemetable new Thatel C"Name Akstay S.
                                             USN: 1BM23C5022 ");
            Thatal Slab: new Thatel ("Enter the divisor & dividend")
            I Toxettueld off = new Itentfuld (8)
             Hardfield laft = new JTextField (8)
           Jeutter button = new Jeutton ("calculate")
           Thakel err: new Thakel 17;
           Itabel alob = new Itabel ();
           Jabel blob = new Jlabel ();
           ifrem. add (norme tabel);
            ifrom add (ilob);
            j from add ( ajth);
            ifum add (byth);
             ifrom add (button)
             i fim add (alob)
             I from, add (blot)
              I from . add (onslab);
              I from . add (err).
```

```
metter. add Action Listener (new Action Ustener ())
       public upid action performed (Action Event ent)
          tay {
            est a= Integer. parsesut (ajtf. getTool ());
             int b = Integer. partitant (buff. gettent ()),
             int ans: a/b;
             alob tell Text ("A - " +a).
             blab. set Text ("13 = " +6);
              andlab . set Text ( " Result: " + and;
             ers. settest (" ");
         catch (NumberFormat Exception c)
               a lab. Bettent (" "),
               blab. settent (" ");
               onelab - settent (" ");
               err. setTent (" Error: Rlease enter valid intergosi)
           catch (Arithmetic Exception o)
               albb. settent (" ")
                balob. setText (" ")
                anslab. s.ct Tent(" ").
                ear. settent ("Error: B should be NON zoroj);
   jour set visible (true);
   public static upid main (string args())
        Swing utilities, invoke lata (new Runnable!)
               public void tun ()
                 new swingDome ();
          3);
```

Name: Akshay 5 USN: 18M23CSO22

Enter the division & divident: [22] [1] (calculate)

A22, Bin, Result: 2

Name: Akshay 5 USN: 18M23CSO22

Rosult town please enter valid integra:

Name: Akshay 5 USN: 18M23CSO22

Enter the division & divident: [10] [0] [calculate]

Enter the division & divident: [10] [0] [calculate]

Enter: B Should have NON zono