> Programa) Write a program that creates a user interface response unitegen divisions. The user antues of two I now surface of devicions. The divide Number and Nums.

The division of Num1 land Num2 in display button is clicked. If Num1 or Num
were not an integer, the program would throw at Number format Exaginar. If Num? were zero, the program would throw on Arithmetic Exception Display the exception un a menage dialog box. code : import i ava. awt. + i import javax. &voing. \*;
import java. aut. levent. \*; Clair Main & JArame if = new JArame ("Divide Two Number) r. set size / 300, 250); it. Set layout ( new flow layout (1); if ret Default close Operation ( JFrame . EXITON\_CLOSE); Jeabel jlab = new Jeabel ("Enter the dividend (New and the divisor (Num2)");

Jest field num 1 jtf = new Jest field (10);

Jest field num 2 jtf = new Jest field (10); Jobel john = new Joutton ("Pivide");
Jeabel = new Jeabell;
Jobel new Jeabell;

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Jobel nume label = now Jabel 1] Tabel anstabel = new Trabelly; if add ( jlab);

if add ( num1 jtf); if add i john; it add mumillabel. It add [mon 2 labo); if add (anslabel); if add (error label); john-add Action Listener (new Action Listener () & public void action ferformed (Action Event e) < int nom1 = Integer. Parse Int (nom19tf.getText()); int ans = nom1 num2; f. get Fest (); num1 label. set fext ["Num1:"+ num1); numilabel. set Text ("Num? :"+ mim?);
anilabel. set Text ("Ani:"+ ani); error label . setText (""): I (atch ( Number for mat Exception err) & numillabel · set Text (""); num 2 label. setTent (""); anstabel. setText (" bold" = ani); expossable - set Test (""Epter Juteger values only"); 3 ratch ( Arithmeti-Exception error) wow 1 label. set Fext (""); num2tabel. set Tex+(""); anslabel setText ("); error label set lest 1" Nom 2 chould be non-zerol; it. set Visible (taue);

Public static void main (String C) argin Swing Utilities. Invoke later (new Bonnuble 1) 1 Public void Brun 1) d new Main 1); 4); Output Enter the dividend (Nom1) and the divisor/lise Nom 1:12 Nom 2:2 Ans: 6 rame: creater a new, initially unisible or Plouing tert in a container. It is a line of editing of a single line of text. v four jova. lowt. ) Textfield class. Can be imported TBUtton: creater a Button jr. add the userfied Component

add Action Listener: for receiving cultion events.

- Action Listener: distance unterfeat for receiving aution events can be unplemented by a competition wing add Action Listeners instead.