

## Lab Priggram 10

Write a jorgoom that creates a user interface to perform integer divisions. The wer enters two numbers in the text fields, Num 1 E Num 2. The division of Num 1 & Numa is displayed in the Result field when the pivide button & is clicked. If Num1 or Num2 were not an integer, the program would throw a Number format Exception if Num2 3 second, the program would thrown on Agithmetic Exception Display the exception in a message dialog dox.

A import java awt, "; import java. aut. event. \* import javax. swing. 4,

pull public class integoldivision extends Frame and implements Actionalistans Pertfield n1, n2, nes;

Cabel Int Ina Bres;

Botton b;

public integerdivision () {

setLayout (new Flow Lyout ()).

Cabel In 1 = new Label ( "Number 1 ", Label RERIGHT)

Label In2 = new Label ("Number 2" Label-RIGHT).

Label In Ins = new Label (" RESULT", Label-RIGHT);

NI = new Text Field (12):

nd = new Text Field (8);

6= new Button ( OCUZOE);

add(En1);

add (n±)

add (Ina)

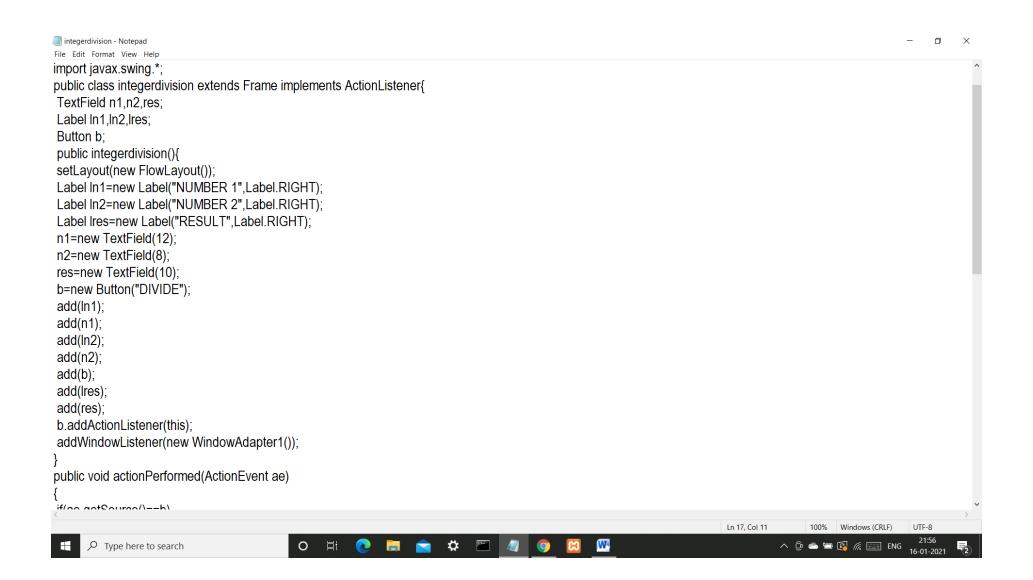
odd (Ena)

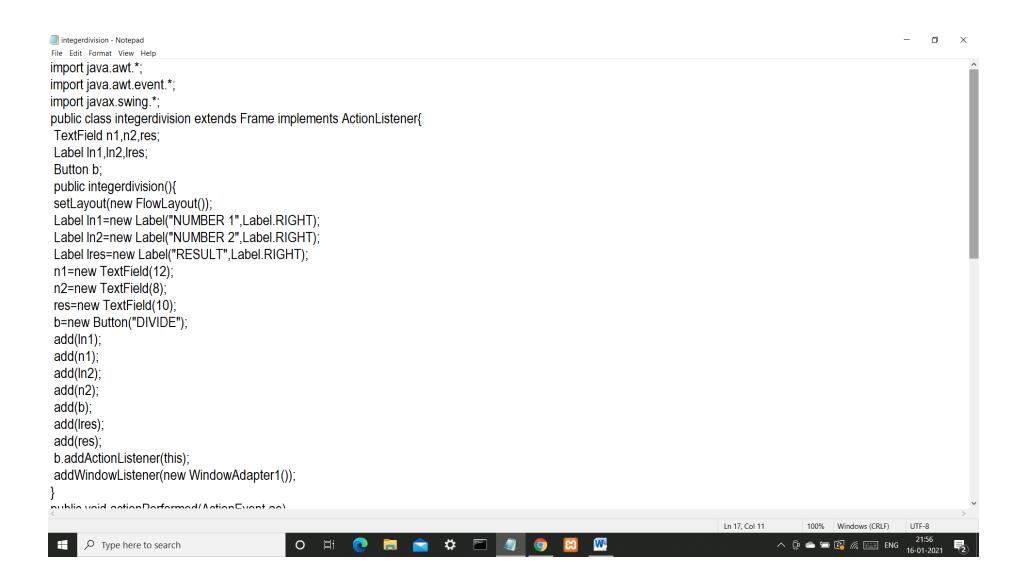
add(b);

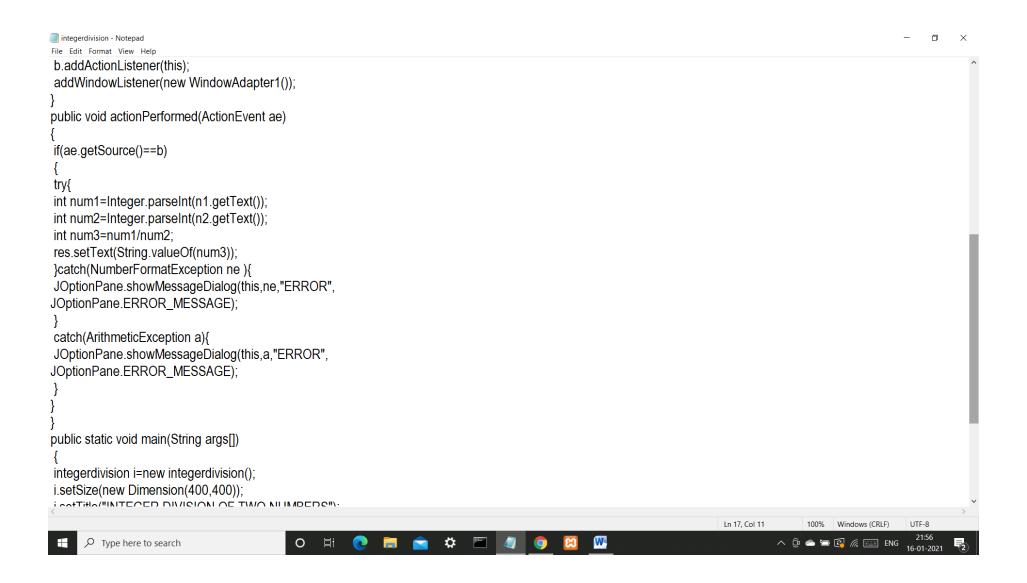
add (Pres)

add (nes)

brand His 6. add Action Listener Cthis); ad dwindow diotener Cnew Window Adofter (1); public void notion Regional Caction Event as if (al - get Source () = = b) { int numi = Enteger. house Int(n2.get Text()); int nums = numy/num2; ores. set Text (Storing, value Of (num3)); Costich (Number Format Exception ne) { Poption Pane show Message Dralog (this, ne, "ERROR", Johtion Pane. GREA. MESSAGE) f eatch (Arithmetic Deception a) { Toption Pane . Show Message Dialog Cthis, a, "ERROR", ToptionRane. ERROR\_MESS AGE), public statue vold main CStoring angs []) 5 integordivision i = new integerdivision(); 1. sebsize ( new Dimension (400, 400); i. set Pitte ("INTEGER MURSION OF TWO NUMBERS"); 1. set Visible (tome); class Window Adapter I extends window Adapter & hublic void window Closing Cwindow Event we) 3 System exit(0)







■ INTEGER DIVISION OF TWO NUMBERS
NUMBER 1 10 NUMBER 2 5 DIVIDE RESULT 2

- o ×

INTEGER DIVISION OF TWO NUMBERS

NUMBER 1 3 NUMBER 2 2 DIVIDE RESULT 1



NUMBER 1 | In NUMBER 2 | g | DIVIDE | RESULT |



