	1 :1
lab 9 - 20-02-2024	13
101 10 10 10 10 10 10 10 10 10 10 10 10	if
write a program that creates a user interface to perform	- il
integer divisions.	ÚE
import juvax, swing. *;	- if
import java aut. *;	
import java out event.*;	A
Class Swing Demost	
Scoing Demo {	
JFrame jfrm = new JFrame ("Divider App");	
Frm. selsize. (275,150);	3
ifrom setlayout (new Flowlayout ());	a
jerm set Default (10 ser Operation (JErame FYTHON (18)	b;
Jlahel jlab = new Jlahel ("Enter the divider and	bu
divident: ");	
Trextfield aft = new Trextfield(P)	
JiextField hitf = new JiextField(8);	
Joutton button = new Jawton ("Calculate");	
Jlabel exx = new Jlabel ();	
Thatel alub = new Thatell):	
Jeabel blab = new stabel();	
Jestel anibb = new Jabel();	
jfrm.add(err);	
jfrm add (jlab);	

jum add (ajtf);
jim add (hitf);
ilim add (button);
jfram.add (alab);
ifrm. add (blab);
ifrm. add (anslab);
ActionListen ex 1 = new Action Listenser () {
public void action Performed (Action Event evt) =
system.out.println("Action event from a -
text field ");
9
9;
althodd Action Lictener (1);
bitf.add ActionLikener(1);
button; add ActionListener (new ActionListener (){
public void action Performed (Action Event out){-
try {
int a = Integer. parceInt(aitf. getText());
int b= Integer. parceInt(bitf.getText());
int ans = a/b;
alaberet Tex+ ("IM) = " +w);
blab. setzest ("hB# "+b);
anslab. setText ("IMADS = "+ and);
exx.selText(" O should be NON xxxx!");
3
ente b (Number Format Exception e) 1.
alab_setText("")'
betab, settex (""))
ansiabartText("");
errsetText ("B should be NON zero!");

catch (Arithmetic Exception e) {
alab , setTex+("");
blab.sctText(" ");
andab set rext(a 11);
ext.setText ("B should be NON zero!");
COT, SETTEXT C TO
3))
마시아마이 그리아마이에서 마시아 하는 아이에 아이에 아이에 아이에 아이에 아이를 하는데 아이에 아이를 하는데 아이에 아이를 하는데 아이에 아이를 하는데 아
jkm cet visible (true);
- F-7 C
public statia void mais (string args[]) ?
swing Utilities invoke Later (new Runnable () {
public void run() (
new Gwing Demo ();
3
3);
Systemant printly ("Sanketh in Harasi iRM22082122"
y
Y / / / / / / / / / / / / / / / / / / /
Output:
Fotor the divider and divident:
$A=10 \qquad R=2 \qquad Ans=5$
HNZ = S
Sanketh: M. Hanar's 18m22 Con
The state of the s

vetsize (w.h): Method that resize ; the components so that it as width in beight in restrayout (): Method allows you to set that layout of the contributer of the a Transle to say Flowlayout, Borderlayout ets. radd Action Listener(): Exect handlers to implement to define what should be done when an wer perform certain operation + add window Listener (): Overriding only the methods of interest. + set Default Close. Operation: sets the operation that will happen by default when the user initiates a "close " un this frame. Edfranc: Thomas in Java is a class that allows you to create and minage a top level window in a Juver application. It serves as the main window for GUI-burd jave applications and provides a platform Independent way to create graphical are interfaces Thabel : Thubel is a exist of java luring. There i con. It can display text jimage or both.

I made i con. It can display text jimage or both.

It incutive to input events such as mouse focus or Keyboard focul diproketator(): It can be used to perform a took; asynchronously in Aut Exact dispatcher thorad.

+ setvisible. (): It is a method that has return	_
to the carrier	/
attributes to be visible on the screen 6007	_
application mainly Jewers-sing.	_
approximate the second of the	
* swing Utilities: The swing Utilities class has	
2 important static methods, invoke and waite	
and involcelenter () to all put references to block	
of code into event queue.	
of code into everet garden	
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