Public boolean action (Event e, object obi) & if (e daget instance of button) label set Text (conting) obi).

autan false

APPLICATION: GORAPHICS many methods

OEHONSTRATION -XV # LECTURE - LEJ

Check box Gercup. 11 for all only

(CC (C) note plant of on ())); Checkbox Group aby = new checkbox Groupa! checkbox c1= new checkbox (CC++ ? cbg, false)

LABEL

Label 11 = new Label C" from Label D' 11.5 et Bounds (50,100,100,20)

Textod de

Textfields ti= now textfield ("); H-setBand O

> It can be soluted type change it

Text Asia Temp - lease wat of somewith

Enoug -> Lechied Dat 17/12 of superol expend Textitura conou = now Textitura (" ") asa Sat Bound(), I would

List 199 Me the the continent 11. add) List (5): 12. add)

choice Jugary Jums choice c= run choices + 1119 repado agent portromo tract o let port)

They aridan front also have

The the Complete & Francis

GOROLLBAR

Social book h = new Social book (Social book HORIZONTAL, 0,20,0,000).

ADDITION & White Collection shall spale state

- after adding all labels, textfield, button - abortion Listanon (this):

1

to every dictables.

autian Performed (Autian Evert e) {

AWT PROGRAHOUG - III WE CALLY #LEGIORE 42

CONCEPTS OF EVENTS

What is an event? Life to an interface.

FOREGROUND EVENT: BY USEN

Event sonc

Description

Button, Lot, Monuiten action event chackbox, item event chackbox, item event scool of Pert Fred Pert Frank

Campan gain/Souse Focus event mause toas.

Key went

House House Funt

Sonc generates on EVENT 4 it goes to LIBITATES

a listener is withful to Society an even.

> Vana and word?

abstract superdas Input thank for all comparents

1. Well interests a six 1 mile is generally

d

THE HUNDING CHAR

BOTTOMENENT HANDING OBER

Action Event (stiect sec, int type, storing and, int modifiers)

Action Event () leg when, int modificial.

CONTRACT CHEATINES

command storing on and.

modiffer key > ab, der, meto, shit.

when > when event occased.

EAENL HUNDITING HECHUNIAN:

1. REGISTER!

add (typelistenon) ((Typelisten ()))

The sour to socious notification about specific

Johnskbox

2. THPLEHENT OF GOOD OF COMPONIES OF SOLO MODE

When notification to process + sucious

- 1. user Interests a ser + aunt is generated.
 - object Concorn ought class is consided automatically + Info about of soic, event get populated within
- 2. Event by forwarded to mothod of Juggeded literar ches mathed is now executed of surfaces.

GUING PROGRAHMING - 1

#LECTORE - 43

JFC -> Java Foundation Class

The is an top of Awt Apr a enthanty whiten in JAVA.

Swing is better AbigHowight Ahan Avit

Javax swing , Maker that you Land enat

John Ment Field, TRadio Buttan, JH enu, Mext Assag, John Kbox, Thom.

Buttern, Let, Henerten action evert charkbox ten event

new are constitute

AWT VS Swings Platform Platform - dependent Independent.	-> JEstanle a = now TEsturne() -> Carol stuctor -> externe it.
Hooveright Michigan Lightworth	JButton (Ican i)
No Auggallo look & Hargallo look & bal.	b. add Action Listener (new Astron Listener O & Rublic Void action Performed (Action Eure-0) &
Loss Comparent talles, Usts, Scordiplano, colondrosson, etc.	3 3 3 3 3 3 3 3 3 3
No mode view Continuolor HUC	SetTect C): 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1
* Tramporet is a subclass of Comparent	TPossional Fassional
TWO WAYS TO CREATE A FRANK	TRa dra Button
1. By concerting abi of frame dose (assoc) 2. Exting brance (Inheritaire)	Button Grant by and Cou); Button Grant by add (bu);

Jambobox

Similar to cholos.

Takes input Constanctor

Sobject[] Items

Vector < ?> items

Table Cobject CICI 2000, object CI columns)

data head.

colombroson, de.

this lists, southborn

Joptian Pane

> mosage box

JAcorollbook or To Scorollbook of Comparent class

* Therebook + JHenethern,

Imanu , I Henuitem

item is added. Theru.

* JR Purtaine May (P)

SWING PROGRAHIONG -II

70 epocitor

It separates item

JPBrogenous Boar C)

JPBrogenous boar C)

There displays how things one stoned the sold.

Class > definant hutall The Node.

18 you 18 you (Just)

consequences

Todor choose

-> The is in colorchooser package. chooses multiple calcular in gorid

TalkedPare

Switch between a group of comparent

Holded Pare ()

Johlor

Glider to move 4 get the choosen value.

J'Epirandr

- 4 Can inc 1 on deal but also
- change input by typing.

 4 we can decide trate of inchanners.

Trile Charges and legge containing

* dialong window file from system.

Maggle Button

> 9t can go from 1state to another > Similar to that of suitch 1000 2017

Tradbor

- This is similar to menutar.

JViewPort

- supports both logical a pixal board scrolling.

- JViewpoont():

Premo dialog

THUR SMING CONTAINER

Cantainer Cantainer

window Fara

Thand

-> Gimplost contained does.

The possible space whose an application can attach any other companient.

> It doesn't have title box

21 the top of the state of the

reproperties a service

I Frame a country of plant

-> cocalts like the main avindow whose labels buttons, textfields con added to consider a GOI.

708C-I # LEGURE-50

Hysal. Jaggrano

The popular a doubt of containing

As as as a proper technique

toindow Fatal

JUAN SIGNEY CONJUINIES !!!!

- Sufferite both logical a pixel board, about a colling.

J View Part

P. C. Andrew Dunles it de Lineau Des

Tropos Warehouse

The majors with