	Page no.:/ Date://
	practical - 6
Q.	create a swing application that randomly changes
	Code - il moment over anomero entered
,-	(a) with rom, washing (alor cours of a) with the (a)
11.	The second in the second secon
	in one iava awting a barrent property
	impon- jara.awt.event.Action Grent;
	import java, awt. event. Action Listener
	1 1/1 1/0 4 1 0 100 1
	public clay. Change Color iextendi Thrame
	color panel; grows
	private Tpanel color panel; private TButten change color; private TButten change color;
	porrate Change Color ()
	public private Change Color ()
	SetTitle ("Random woor Changer");
	Set Size (300, 200); (Throme. FXIT_ON_CLOSE)
,	Set Size (300, 200); Set Refault (lose Operation (I frame. ExII_ON_Close) Set Refault (lose Operation (I);
,	a lavaut (New)
	la Panel = read
	add Color Border layout. SOUTH).
	add Charge and Action Listener (new Hetter List
	add (change color, Border layout. SOUTH); add (change color, Border layout. SOUTH); change color, Border l
	aublic void action Performed (notice
	SAMFAT

```
change Color ().
 Private void change(blor()
   Random random = new Random ();
   Color random Color = new Color (random, next Int (256),
            random. nextTut (21-6), random. nextTut (216)).
    wolfand. set Background (random Color)
   public static void main (String [] angs)
       Swing Utilities. Invokelater (() -7 {
          Change Color app: new Change Color ();
          app. set Visible (mee)
              REPUBLIC MENDERN JULICIE CHENZER
           ciliara au > javac Change Color java
 Output-
           C! Viava au y java Change Color
            E Random Color Change.
                    change color
```

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	and a suite andication to demonstrate use of
6.	(mate a Swing application to demonstrate use of Textorea using scrollpane to show writest of text file
	Textored using scrollpane to sum wrongs in the
	in the textorea selected using file thouser color choos
	The Charles I blond hear about a service
	Code-
	import javax. Swing. 201 odawai. willielle
	import ligra: qwf. 1112
	import java. aut. event. Action Eventy
	issent isome and execute fiction listener
	public clay Color Change extends JFrame
	private JScrollpane scrollpane = new JScrollpan
V.	The state of the s
	private JButton change Color 2 new JButton ("Change color");
	("Change color")
	public color(hange ()
	\{\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
	SetTitle ("Scroll Pane Woon Change"), Set Pefault Close Operation (Jframe. EXIT. ON. CLOSE)
	a II (I D C (I) D (N C (I) V) C (I)
	Set-Perfault-Coscoparteryout()); Set-layout (new Border Layout - CENTER); add (scrollpane, Border Layout SOUTH);
	add (scrollpane, Border layout SOUTH): add (change color, Border layout SOUTH):
	add (change color, Border (ayout 500 ml) change color. Add Action listener (new Action 4) stoner () { change color. Add Action listener (new Action 4)
	public void action Per formed (Action Event e)
	public voia
	Color sched Color = J Color (hooser, show Pialog (null,
	if (selected, color) = null)
-16	
	SAMPAT

Scrollpane. getViewport (). setBack, ground (selected Color).

Public Static void main (String [] angl)

Swing Utilities. invokelater (() -> [

nuw Color (hange (). set Visible (true).

});

C: /java an > javac Color Change, java C: /java an > java Color Change

	1) order Charles States
(F) Chose War	
Swatched HSV. MSL.	RUB/TEMYKY DALITOR
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1(1)(00)	2 mg 1 8 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1
Preview E	Sample text
回回回	Sample text
	Township text is become
10K Canal	Mary .

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	· Mine of Friedley of any los
p.	Create 9 swing application to demanstrate use of
	Text freq wing scroll pane to show contest of text file
A 165 VIII.	in text area selected using file chooser
12811500	The Lance of the character of the Caraca in the
	code- ilitati paloj Coproj O wood : 100 dit : 1100 co ini
	(a import jane x? swing & but of a line !!
	import java. qut. *;
	Import yava. aut. event. Action Events
	import 19va. a wit event. Action bistiner;
	innon java, io, Buffered Reader;
	in om blidig 10? FileReaders
• 130	inom- java. 10. 20 Exception:
	public day Showfile InTextfreq extendy
	J. Frame
+ 1.	(" . ") (. C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C . C
	private Jtext Area text Area = new JText Area (20,40).
12.5	The suffer of the suffer street of the suffer street of the suffer of th
	public Show File In Text Area ()
Albania	SetTitle ("file Viewer"). SetDefault (hose Operation (J Frame. GXIF ON_CLOSE); SetDefault (hose Operation (1);
	Set Default Chose Operation (1);
	Set la yout new Border Layout (); Set la yout new Border Layout (Fixthrea); TScool pane Scroll Pane = new JScroll Pane (texthrea);
	gdd Cscrollpane, Border Layout. CFNTER).
	gad Scriff and South!
	open file Button, Border Layour son Action Listener ()[open file Button. add Action Listener (new Action Listener ()[
- 41	open file Button. add fletten Ustener (Action Event . C.) public void action performed (Action Event . C.)
16A.	Pasac veri
	open file ();
	2
	3)3

```
pack ();
set location Relative To (null);
   private void openfilel)
    The Chooser file ch = new Thile Chooser ();
int reput = file ch. snow Open popialog (this);
     If (result z = JFile Chooser. APPRONG-OPFDON)
      try (Buffered Reader reader 2 new Buffered Reader (new
FleReader (filech. get Selected file ()))
      String Builder con 2 nous String Builder ()
    while ((line zreader read line ())! = null)
      con-append (line). append ("In");
     text Area. Set Line Wrap (Inve);
text Area. Set Text (con. tosking ());
      Couten (ID Exception e) ( Desirity of Destination
       JOPHon Pane. Show Message Dialog (this, "Groon reading the file)
                 "Error" Joption Pane. ERROR_MESSAUE)
         public Steetic void main (String [] args)
          Swing Utilities. invoke later (() -> '{

new Show file In Text Arca (). set/sible(true);
```

Output-	C'ligra auz	tanac Sha	w File In	le xt Arca.	jqva	
C:/java au/ java ShowfileInTextArea. C:/java au/ java ShowfileTextArea						
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