Java Applet

OA special type of program i.e. embedded in the webpage to generate the dynamic content. It runs inside the browser and weeks at client Side.

Ly Hierarchy of Applet

Object

Is lifecycle of Applet

Component

i) Applet is initialized.

Started

Container

Panel

iv) Stopped

Applet

V) Destroyed

JApplet Java. applet. Applet class For creating any applet java applet. Applet class must be inherited. It provides four life yell methods of

applet.

- i) public vold int():- To initialize the applet. It is invoked only once.
- 11) public void Hart(): Invoked after init() method or boowser is maximized.
 Used to Hert applet.
- Invoked when applet is stop or browser is minimized.
- Invoked only once.

1949. 9wt. Component class: - provides one life cycle method of jargapplet.

public void paint (400phics g): - used to paint the Applet. It provides Graphics class object that can be used for drowing oval, rectongle, got etc.

Is who is responsible to manage the life cycle of an applet?

Ans-> & Java Plug-in Software.

- Ly How to son an applet?
 - i) By the file.
 - ii) By applet viewer tool (for testing purpose)

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4) Applet by Little file: .. Create an applet Compile it create on file place the applet code in html file click the botm) file 11 First gara impost java applet. Applet; impost java awt. Graphics; public class First extends Applet ? public void paint (Graphics 9) q. donostong ("welcome", 150, 150); Note: - Chys must be public because its object is Coested by Java Plugin Software that sesides on the browsee

5 myapplet. Etml < fitme > < body > < applet Code = "First. Class" width="200" Reight="300"> </body > </thomato Ly Applet by appletviewer tool: O To execute applet by appletviewer tool, execute an applet that contains applet tag in comment and compile it. @ After that sun it by applet viewer flish jong. 1960 Now, HTML file is not orguised but it is for festing purpose only c: 17 javac Flott java C: 1> appletvience 11 First. java Ftrist j'ava impost java applet Applet; import java. aut. Graphici; public class first extends Applet ? public void paint (Grephice g) g. drawstring ("welcome to applet", 159, 150); appled Code = "Fisht Clase" width = Job' height = "200"> * applet >



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DETAILED LECTURE NOTES

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La Displaying Grouphics in applet:-
   impost java appeat. Appeat;
   impost java. aut. x;
    public class Graphics Demo extends Applet
     public void paint (Graphics g)
        g. set Color (color red);
        g. dogw Choing (" welcome", 50,50);
        g. of squo line (20, 30, 20,20).
        g. draw Rect (7g 10, 29 20);
        g. fill Rect (120, 120, 39, 30).
        · (05 pc, or of) laroursp. p
         g. Let Color ( Color- plac).
        g. fill oval (170, 200, 20, 20);
        g. otos w Acc (90, 150, 20, 20, 20, 20, 20);
        g. fill Arc ( 270, 150, 29 29 9, 180);
```

my applet. html <html> < body 7 Sapplet code = " Graphics Demo. Class" width = 1200) height=1300'> </applet> THE REAL PROPERTY. </body> of the way tong </html> Ed wild of the 18 th Contract of the state of the after the factor of the sect of Kate Carl ac Hadrand I. The state of the s Charles (Selection of the Contraction of the Contr post of per period to the 1 The state of the s