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| --- |
| import java.applet.Applet; |
|  | import java.awt.Button; |
|  | import java.awt.Checkbox; |
|  | import java.awt.CheckboxGroup; |
|  | import java.awt.Color; |
|  | import java.awt.Frame; |
|  | import java.awt.Graphics; |
|  | import java.awt.event.ItemEvent; |
|  | import java.awt.event.ItemListener; |
|  | public class snowman extends Applet implements ItemListener { |
|  | Frame f=new Frame(); |
|  | int fovalx=150-20,fovaly=50,fovalw=40,fovalh=40; |
|  | int sovalx=150-35,sovaly=50+35,sovalw=70,sovalh=50; |
|  | int tovalx=150-50,tovaly=50+80,tovalw=100,tovalh=60; |
|  | int leyex=150-10,leyey=50+10,leyew=5,leyeh=5; |
|  | int reyex=150+5,reyey=50+10,reyew=5,reyeh=5; |
|  | int a1=150 - 10, a2=50 + 20, a3=20, a4=10,a5= 190,a6= 160; |
|  | int rectx=150 - 15,recty= 50 - 20,rectw= 30,recth= 25; |
|  | CheckboxGroup buttons=new CheckboxGroup(); |
|  | public void init() { |
|  | Checkbox upButton = new Checkbox("up",buttons,false); |
|  | Checkbox downButton = new Checkbox("down",buttons,false); |
|  | Checkbox leftButton = new Checkbox("left",buttons,false); |
|  | Checkbox rightButton = new Checkbox("right",buttons,false); |
|  |  |
|  | add(upButton); |
|  | add(downButton); |
|  | add(leftButton); |
|  | add(rightButton); |
|  |  |
|  | upButton.addItemListener(this); |
|  | downButton.addItemListener(this); |
|  | leftButton.addItemListener(this); |
|  | rightButton.addItemListener(this); |
|  |  |
|  | setBackground(Color.CYAN); |
|  |  |
|  | } |
|  | public void paint(Graphics g){ |
|  |  |
|  | g.setColor(Color.WHITE); |
|  |  |
|  | g.fillOval (fovalx,fovaly,fovalw,fovalh); |
|  | g.fillOval (sovalx,sovaly,sovalw,sovalh); |
|  | g.fillOval (tovalx,tovaly,tovalw,tovalh); |
|  |  |
|  | g.setColor(Color.BLACK); |
|  |  |
|  | g.fillOval (leyex,leyey,leyew,leyeh); |
|  | g.fillOval (reyex,reyey,reyew,reyeh); |
|  |  |
|  | g.drawArc (a1,a2,a3,a4,a5,a6); |
|  |  |
|  | g.setColor(Color.ORANGE); |
|  |  |
|  |  |
|  | g.fillRect (rectx,recty,rectw,recth); |
|  |  |
|  |  |
|  | } |
|  |  |
|  | @Override |
|  | public void itemStateChanged(ItemEvent e) { |
|  |  |
|  |  |
|  | if(buttons.getSelectedCheckbox().getLabel()=="right"){ |
|  | fovalx+=20;sovalx+=20;tovalx+=20; |
|  | leyex+=20;reyex+=20;rectx+=20; |
|  | a1+=20; |
|  | repaint(); |
|  | } |
|  | if(buttons.getSelectedCheckbox().getLabel()=="left"){ |
|  | fovalx-=20;sovalx-=20;tovalx-=20; |
|  | leyex-=20;reyex-=20;rectx-=20; |
|  | a1-=20; |
|  | repaint(); |
|  | } |
|  | if(buttons.getSelectedCheckbox().getLabel()=="down"){ |
|  | fovaly+=20;sovaly+=20;tovaly+=20; |
|  | leyey+=20;reyey+=20;recty+=20; |
|  | a2+=20; |
|  | repaint(); |
|  | } |
|  | if(buttons.getSelectedCheckbox().getLabel()=="up"){ |
|  | fovaly-=20;sovaly-=20;tovaly-=20; |
|  | leyey-=20;reyey-=20;recty-=20; |
|  | a2-=20; |
|  | repaint(); |
|  | } |
|  |  |
|  |  |
|  | } |
|  | } |