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\* Write a description of class FlagPicture here.

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\* @author (Thomas Zangari)

\* @version (11/6/2013)

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import java.awt.Color;

import wheels.users.\*;

public class FlagPicture extends Frame{

private Flag \_frenchFlag,

\_ivoryCoastFlag,

\_chadFlag,

\_bigFrenchFlag,

\_italianFlag;

FlagVertical \_frenchFlagVertical,

\_ivoryCoastFlagVertical,

\_chadFlagVertical,

\_bigFrenchFlagVertical,

\_italianFlagVertical,

\_netherlandsFlag;

public FlagPicture(){

\_frenchFlag = new Flag(Color.BLUE, Color.WHITE, Color.RED, 10, 10,60);

\_ivoryCoastFlag =

new Flag(new Color(255,200, 0),Color.WHITE, Color.GREEN, 10,180, 80);

\_chadFlag = new Flag(Color.BLUE, Color.YELLOW, Color.RED, 10, 90, 100);

\_bigFrenchFlag = new Flag (Color.BLUE, Color.WHITE, Color.RED ,10, 270,120);

\_italianFlag = new Flag (Color.GREEN,Color.WHITE,Color.RED, 10, 400,80);

\_frenchFlagVertical = new FlagVertical(Color.BLUE, Color.WHITE, Color.RED, 200, 10,60);

\_ivoryCoastFlagVertical =

new FlagVertical(new Color(255,200, 0),Color.WHITE, Color.GREEN, 200,180, 80);

\_chadFlagVertical = new FlagVertical(Color.BLUE, Color.YELLOW, Color.RED, 200, 90, 80);

\_bigFrenchFlagVertical = new FlagVertical (Color.BLUE, Color.WHITE, Color.RED ,200, 270,80);

\_italianFlagVertical = new FlagVertical (Color.GREEN,Color.WHITE,Color.RED, 200, 400,80);

\_netherlandsFlag = new FlagVertical(Color.RED,Color.WHITE,Color.BLUE,400,90,120);

}

public static void main(String[] args) {

FlagPicture picture = new FlagPicture();

}

}

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\* Write a description of class Flag here.

\*

\* @author (your name)

\* @version (a version number or a date)

\*/

import wheels.users.\*;

import java.awt.Color;

public class Flag

{

private Rectangle \_leftStripe;

private Rectangle \_midStripe;

private Rectangle \_rightStripe;

public Flag (Color leftColor, Color midColor, Color rightColor, int x, int y, int width){

\_leftStripe = new Rectangle();

\_midStripe = new Rectangle();

\_rightStripe= new Rectangle();

this.setColor(leftColor, midColor, rightColor);

this.setSize(width, (width\*5)/6);

this.setOutlineColor(Color.BLACK);

this.setLocation(x,y);

}

public void setColor(Color color1, Color color2, Color color3){

\_leftStripe.setColor(color1);

\_midStripe.setColor(color2);

\_rightStripe.setColor(color3);

}

public void setOutlineColor(Color someColor){

\_leftStripe.setFrameColor(someColor);

\_midStripe.setFrameColor(someColor);

\_rightStripe.setFrameColor(someColor);

}

public void setSize (int width, int height){

\_leftStripe.setSize(width/3, height);

\_midStripe.setSize(width/3, height);

\_rightStripe.setSize(width/3, height);

}

public void setLocation(int x, int y){

\_leftStripe.setLocation(x,y);

\_midStripe.setLocation(x + \_leftStripe.getWidth(), y);

\_rightStripe.setLocation(\_midStripe.getXLocation() + \_midStripe.getWidth(), y);

}

}

/\*\*

\* Write a description of class Flag here.

\*

\* @author (your name)

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\*/

import wheels.users.\*;

import java.awt.Color;

public class FlagVertical

{

private Rectangle \_leftStripe;

private Rectangle \_midStripe;

private Rectangle \_rightStripe;

public FlagVertical (Color leftColor, Color midColor, Color rightColor, int x, int y, int length){

\_leftStripe = new Rectangle();

\_midStripe = new Rectangle();

\_rightStripe= new Rectangle();

this.setColor(leftColor, midColor, rightColor);

this.setSize(length, (length\*5)/6);

this.setOutlineColor(Color.BLACK);

this.setRotation();

this.setLocation(x,y);

}

public void setColor(Color color1, Color color2, Color color3){

\_leftStripe.setColor(color1);

\_midStripe.setColor(color2);

\_rightStripe.setColor(color3);

}

public void setOutlineColor(Color someColor){

\_leftStripe.setFrameColor(someColor);

\_midStripe.setFrameColor(someColor);

\_rightStripe.setFrameColor(someColor);

}

public void setSize (int length, int height){

\_leftStripe.setSize(length/3, height);

\_midStripe.setSize(length/3, height);

\_rightStripe.setSize(length/3, height);

}

public void setLocation(int x, int y){

\_leftStripe.setLocation(x,y);

\_midStripe.setLocation( x , y + \_leftStripe.getWidth() );

\_rightStripe.setLocation(x, \_midStripe.getYLocation()+ \_midStripe.getWidth() );

}

public void setRotation(){

\_leftStripe.setRotation(90);

\_midStripe.setRotation(90);

\_rightStripe.setRotation(90);

}

}