Mirio Eggmann Klashme Modul 226-2 counter evished ne I mal snake2 import days.awt.Point: import java.awt.event.KeyAdapter; java.awt.event.KeyEvent; moort days aut event MouseAdanter: Random = new Random(Syst. port java.awt.event.MouseEvent; mport java.awt.event.MouseListe port java.io.IOException: javax.swing.JOption Veserbury mport javax.swing. JPanel; ch.jmelab.tangerine.controllers.EditorController; ort ch.jmelab.tangerine.libraries.FigureSaver; draw(Graphics): Spielgrenze(int, port ch. imelab.tangerine.libraries.adapters.Editor Monetisher Spielgrenze ssWarnings("serial") instends inal class EditorPanel extends JPanel (private EditorController editorController; gui: GUI schlange: Schlange spielemente: Vector<Sp spielgrenze: Spielgrenze UNIT: int = 20 protected EditorPanel(final EditorCont yPressed(KeyEvent): op(): void ain(String[]): void this.editorController = editorController: addMouseListener(new MouseAdapter() {
 public void mousePressed(MouseEvent e) { editorController.setStartPoint(new Point(e.getX(), e.getY())); · void 0 getBreite(): getHoehe(): GUI(Game) controlKeys: int ([]) richtung: Point editorController.createFigureWithEndPoint(new Point(e.getX(), e void Game Id: JPanel .getY())); repaint(); 1 A GUI protected void paint(o : void : int()) ment(Graphics g) { super.paintComponent(g);
editorController.redrawAll(g); }} h.jmelab.tangerine.views; JPanel a= ner eva.awt.Dimension: ava.awt.Point: ava.awt.Rectangle; JPanelli import java.awt.Toolkit; mastermind Mastermind userinterface Userinterface scanner Scanner import java.awt.event.KeyAdapter; a. add Maralist import java.awt.event.KeyEvent; rtext() import java.awt.event.MouseAdapter; nvinglande falls shelt import java.awt.event.MouseEvent; eingabe = next/) import javax.swing.JFrame; Kin bylog >> Klassnam import javax.swing.JOptionPane; validator : EingabeValidator import javax.swing.JPanel; .EditorController; import ch.jmelab.tangerine.controller @Suppresswarnings("serial") public class EditorFrame extends JFrame {
 private EditorController editorController = new EditorController(); Actintable public EditorFrame(int width, int height) { 11/2/2 createAndSetEditorPanel(); setUsefaultcloseOperation(EXIT_ON_CLOSE);
setVisible(true);
addKeyLister(new KeyAdapter() { an ridgely public void keyPressed(KeyE et key) { if (key.getKeyCode() == KeyEvent.VK_Q) { int answer = JOptionPane.showConfirmDialog(getRootPane(), userInterface : UserInterface "Må§chten Sie die Applikation beenden?" "BestAutigung", JOptionPane.YES_NO_OPTION); validator EingabeValidator - Arguman if (answer == 0) { 3OptionPane.showMessageDialog(getRootPane(), "Applikation wird beendet."); ueberpruefeLaenge() System.exit(0); return; if (key.getKeyCode() == KeyEvent.VK_K) { editorController.setFigureType('k'); opt this add(a) istGueltic ueberpruefeFarbCodes() } else if (key.getKeyCode() == KeyEvent.VK_L) { Eabshald) editorController.setFigureType('l'); } else if (key.getKeyCode() == KeyEvent.VK_R) { editorController.setFigureType('r'); (ciapunds) return; } });} private void createAndSetEditorPanel() { spannon, in JPanel panel = new EditorPanel(editorController); setContentPane(panel);) private void centerWindow(int width, int height) { Dimension screenSize = Toolkit.getDefaultToolkit().getScreenSize(); refl instance of Klassmanne Rectangle windowSize = new Rectangle(); windowSize.width = width; windowSize.height = height; windowSize.x = (screenSize.width - windowSize.width) / 2: PL windowSize.y = (screenSize.height - windowSize.height) / 2; 1 Vorgetile setBounds(windowSize); }} alt - altonor 2 Vocanto

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Instanzier

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MINO Eggmann !
                                                                                                                           · Mouse Relegied · monatailed
                                                                                                                     package ch.jmelab.tangerine.controllers:
                                                                                                                     import java.awt.Graphics;
                                                                                                                     import java.awt.Point;
                                                                                                                     import sun.awt.RepaintArea;
                                  "+vorname);
Nummer: "+perso
                                                                                                                     import com.sun.prism.paint.Color;
                                                                                                                     import ch.jmelab.tangerine.models.Drawing;
                                                                                                                     import ch.jmelab.tangerine.models.Figure;
                                               ackage ch.jmelab.tangerine.app
                                                                                                                     import ch.jmelab.tangerine.models.figures.Circle;
                                              import java.io.IOException;
                                              import ch.jmelab.tangerine.views.Display;
                                                                                                                     import ch.jmelab.tangerine.models.figures.Line;
                                               mport ch.jmelab.tangerine.views.EditorFrame;
                                                                                                                     import ch.jmelab.tangerine.models.figures.Rectangle;
                                               ublic class Tangerine {
   public static void main(String[] args) throws InterruptedException
                 int personalNumm
'son(String n, St
                                                                                                                     public class EditorController {
                                                                                                                       public static Color LINECOLOR = Color.BLACK;
                                   System.out.println(
System.out.println(
                                                   IOException {
                           this.personalWummer
                                System.out.println(
                                                                                                                       public static int LINETHICKNESS = 1;
                                                 new Tangerine();
                                                                                                                       private Drawing drawing = new Drawing();
                                               private Tangeriee() {
                                                                                                                       private char figureType;
            protected
                 rotected
                                                                                                                       private Point startPoint;
                                                 EditorFrame frame = new EditorFrame(800, 600);
                                                                                                                       private Point endPoint:
                                                                                                                       public void redrawAll(Graphics g) {
                                                                                                                         drawing.drawFigures(g);}
                                         ch.jmelab.tangerine.models;
                                                                                                                       public void setFigureType(char figureType) {
                                  mport java.awt.Graphics;
                                 import java.util.List;
                                                                                                                          this.figureType = figureType;}
                                                                                                                       public void setStartPoint(Point startPoint) {
                                  ublic class Group extends Figure {
                                  public List<Figure> FigurenGruppe;
                                                                                                                         this.startPoint = startPoint;}
                                  public Group(List<Figure> figurenGruppe) {
                                                                                                                       public void createFigureWithEndPoint(Point endPoint) {
                                     this.setFigurenGruppe(figurenGruppe); }
                                                                                                                         Figure figure = null;
                                  public List<Figure> getFigurenGruppe() {
                                                                                                                          if (figureType != 0) {
                                     return FigurenGruppe; }
                                                                                                                            if (figureType == 'k') {
                                   public void setFigurenGruppe(List<Figure> figurenGruppe) {
                                                                                                                              figure = new Circle();
                                     FigurenGruppe = figurenGruppe; }
                                                                                                                            } else if (figureType == 'l') {
                     "Brechbühler", 9876, 9999);
                                  public void printGruppe() {
                                                                                                                              figure = new Line();
                                     for (Figure figur : this.FigurenGruppe) {
                   "Eggmann", 1234,
                                                                                                                            } else if (figureType == 'r') {
                                       System.out.println(figur.getClass().toString());
                                                                                                                              figure = new Rectangle();}
                                                                                                                            drawing.addFigure(figure.zeichneMitMaus(
                                  public String[] getAllInformations() {
                                                                                                                                (int)startPoint.getX(), (int)startPoint.getY(),
                                     // TODO Aut
                                                                                                                     (int)endPoint.getX(), (int)endPoint.getY()));}}
package ch.jmelab.tangerine.libraries.adapters;
                                     return null; }
                                  @Override
            chef("Hallo", "Welt", 3333,
Fachangestellter("Mirlo", "
                                                                                                                     import java.awt.event.MouseAdapter;
                                  public void zeichneFigur(Graphics g) { }
                                                                                                                     import java.awt.event.MouseEvent;
                                  public Figure setAllInformations(String[] informationen) {
                        angestellte.length;
                                                                                                                     public class EditorMouseAdapter extends MouseAdapter {
                                     return this: }
                                                                                                                       public void mousePressed(MouseEvent event) {
                                                                                                                          System.out.println(event.getPoin());}
                                  public Figure zeichneMitMaus(int startX, int startY, int endX, int endY) {
                                                                                                                       public void mouseReleased(Mousetvent
                                    return this; }}
                           angestellte[i].print(); }
                                                                                                                          System.out.println(event.getPoint();}
                                        ackage ch.jmelab.tangerine.models;
                                        import java.awt.Color;
                                                                                                                      package ch.jmelab.tangerine.mode
         Main
               angestellte[0] = new
angestellte[1] = new
             angestellte
                        1 0
                                        import Tava.awt.Graphics:
                                                                                                                      import java.awt.BasicStroke;
                                        public abstract class Figure {
                      11
                                                                                                                      import java.awt.Graphics:
                        1 = 0;
                                         protected int x, y;
                                                                                                                     import java.awt.Graphics2D;
                                         protected Color linienFarbe;
                                                                                                                     import java.util.ArrayList;
                                         protected int linienDicke;
                        (int
                                         public Figure(int x, int y, Color linienFarbe, int linienDicke) {
                                                                                                                      import java.util.List;
                                                                                                                     public class Drawing {
   private List<Figure> figures = new ArrayLi
                                           this.x = x:
                        for
                                           this.y = y;
                                            this.linienFarbe = linienFarbe;
                                                                                                                       public Drawing() {
                                           this.linienDicke = linienDicke;}
                                         public Figure() {}
                                          public int getX() {
                                                                                                                       public void drawFigures(Graphics g) {
                                           return x;}
                                                                                                                          Graphics2D g2d = (Graphics2D) g;
                                         public void setX(int x) {
                                                                                                                          for (Figure f : figures) {
                                           this.x = x;}
                                          public int getY() {
                                                                                                                            g2d.setColor(f.getLinienFarbe());
                                           return y;}
                                                                                                                            g2d.setStroke(new BasicStroke(f.getLinienDicke()));
                                         public void setY(int y) {
                                                                                                                            f.zeichneFigur(g);
                                            this.y = y;}
                                                                                                                                                              implements
                                         public int getLinienDicke() {
                                           return linienDicke;}
                                                                                                                       public void addFigure(Figure figur) {
                                         public void setLinienDicke(int linienDicke) {
                                           this.linienDicke = linienDicke;}
                                                                                                                          figures.add(figur);
                                         public Color getLinienFarbe() {
                                           return linienFarbe:}
                                         public void setLinienFarbe(Color linienFarbe) {
               this vorgesetzter = vorge;
                                                                                                                       public void removeFigure(Figure figur) {
             persnumb);
                                           this.linienFarbe = linienFarbe;}
                              (05
                                                                                                                          figures.remove(figur);
                                         public abstract String[] getAllInformations();
                      of ferien = 4;

(f (alter >= 60) ferien = 6;

) else if(alter > ferien = 5;

) return ferien;
                                         public abstract Figure setAllInformations(String[] informationen);
                                         public void move(int deltaX, int deltaY) {
             vm,
                                                                                                                       public void removeAllFigures() {
                                           this.setX(this.getX() + deltaX);
                  verride
blic int
                                           this.setY(this.getY() + deltaY);}
                                                                                                                          figures.clear();
                                          public abstract Figure zeichneMitMaus(int startX, int startY, int endX,
                    public
                      int
                                                                      (Chef) anges
                                                                                                                                                                   TENT
```

Deson angestelle = new chof !)