package application;

import javafx.application.Application;

import javafx.stage.Stage;

import javafx.scene.Group;

import javafx.scene.Scene;

import javafx.scene.image.Image;

import javafx.scene.image.ImageView;

import javafx.scene.paint.Color;

import javafx.scene.shape.Circle;

import javafx.scene.shape.Line;

import javafx.scene.shape.Polygon;

import javafx.scene.shape.Rectangle;

import javafx.scene.text.Font;

import javafx.scene.text.Text;

public class Main extends Application {

public static void main(String[] args) {

launch(args);

}

@Override

public void start(Stage primaryStage) throws Exception {

Group root = new Group();

Scene scene = new Scene(root,600,600,Color.GRAY);

Stage stage = new Stage();

Text text = new Text();

text.setText("Wooooo");

text.setX(50);

text.setY(50);

text.setFont(Font.font("Verdana",50));

text.setFill(Color.LIGHTSKYBLUE);

Line line = new Line();

line.setStartX(200);

line.setStartY(200);

line.setEndX(500);

line.setEndY(200);

line.setStrokeWidth(5);

line.setStroke(Color.ORANGE);

line.setOpacity(0.5);

line.setRotate(45);

Rectangle rectangle = new Rectangle();

rectangle.setX(100);

rectangle.setY(100);

rectangle.setWidth(100);

rectangle.setHeight(100);

rectangle.setFill(Color.LIGHTPINK);

rectangle.setStrokeWidth(5);

rectangle.setStroke(Color.WHITE);

Polygon triangle = new Polygon();

triangle.getPoints().setAll(

200.0,200.0,

300.0,300.0,

200.0,300.0

);

triangle.setFill(Color.YELLOW);

Circle circle = new Circle();

circle.setCenterX(350);

circle.setCenterY(350);

circle.setRadius(50);

circle.setFill(Color.PLUM);

Image image = new Image("icon.png");

ImageView imageView = new ImageView(image);

imageView.setX(400);

imageView.setY(400);

root.getChildren().add(text);

root.getChildren().add(line);

root.getChildren().add(rectangle);

root.getChildren().add(triangle);

root.getChildren().add(circle);

root.getChildren().add(imageView);

stage.setScene(scene);

stage.show();

}

}