import javafx.application.Application;

import javafx.scene.Group;

import javafx.scene.Scene;

import javafx.scene.canvas.Canvas;

import javafx.scene.canvas.GraphicsContext;

import javafx.scene.paint.Color;

import javafx.scene.shape.ArcType;

import javafx.stage.Stage;

import java.awt.\*;

public class PiChart extends Application

{

@Override

public void start(Stage primaryStage) throws Exception

{

primaryStage.setTitle("Spent time");

//creates a group of displayable items

Group group = new Group();

//creates are of which we draw

Canvas canvas = new Canvas(800,800);

//add canvas to the group

group.getChildren().add(canvas);

Scene scene = new Scene(group);

primaryStage.setScene(scene);

drawStuff(canvas.getGraphicsContext2D());

primaryStage.show();

}

public void drawStuff(GraphicsContext gc)

{

gc.setFill(Color.*BLACK*);

gc.fillRect(0,0,800,800);

gc.setStroke(Color.*WHITE*);

gc.strokeOval(100,100,400,400);

gc.setFill(Color.*RED*);

gc.fillArc(100,100,400,400,90\*360/100,39.6\*360/100,ArcType.*ROUND*);

gc.setFill(Color.*GREEN*);

gc.fillArc(100,100,400,400,129.6\*360/100,16.67\*360/100,ArcType.*ROUND*);

gc.setFill(Color.*YELLOW*);

gc.fillArc(100,100,400,400,146.27\*360/100,.023\*360/100,ArcType.*ROUND*);

gc.setFill(Color.*WHITE*);

gc.fillArc(100,100,400,400,(146.27+.023)\*360/100,12.5\*360/100,ArcType.*ROUND*);

gc.setFill(Color.*TEAL*);

gc.fillArc(100,100,400,400,(146.27+.023+12.5)\*360/100,25\*360/100,ArcType.*ROUND*);

gc.setFill(Color.*BROWN*);

gc.fillArc(100,100,400,400,(146.27+.023+12.5+25)\*360/100,16.67\*360/100,ArcType.*ROUND*);

gc.fillText("Pi for Spent time of the day", 100, 100);

gc.setFill(Color.*RED*);

gc.fillRect(550 ,100 ,10 ,10);

gc.fillText("School,39.6%,9.504 hrs",550 ,100 );

gc.setFill(Color.*GREEN*);

gc.fillRect(550 ,200 ,10 ,10);

gc.fillText("Eating,16.67%,4.0008 hrs", 550 ,200 );

gc.setFill(Color.*YELLOW*);

gc.fillRect(550 ,300 ,10 ,10);

gc.fillText("Biking, .023%,.00552 hrs",550 ,300 );

gc.setFill(Color.*WHITE*);

gc.fillRect(550 ,400 ,10 ,10);

gc.fillText("HW,12.5%,3hrs",550 ,400 );

gc.setFill(Color.*TEAL*);

gc.fillRect(550 ,500 ,10 ,10);

gc.fillText("Studying,25%,6 hrs", 550 ,500 );

gc.setFill(Color.*BROWN*);

gc.fillRect(550 ,600 ,10 ,10);

gc.fillText("Restroom,16.67%,4.0008hrs", 550 ,600 );

}

public static void main(String[] args)

{

*launch*(args);

}

}