권혁민 (Hyeokmin Kwon)

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Generating javadoc\edu\handong\csee\java\encapsulation\package-tree.html...
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Generating javadoc\edu\handong\csee\java\encapsulation\shapes\package-tree.html.
Generating javadoc\overview-tree.html...
Generating javadoc\index.html...
Building index for all classes...
Generating javadoc\allclasses-index.html...
Generating javadoc\allpackages-index.html...
Generating javadoc\index-all.html...
Generating javadoc\search.html...
Generating javadoc\overview-summary.html...
Generating javadoc\help-doc.html...
18 warnings
khm38@권 혁민 MINGW64 /c/권 혁민 /한동대학교 /2/1학기 /JAVA/hw3 (master)
$ 1s
bin/ classes/ javadoc/ src/
```

All the classes and Interfaces



All Classes and Interfaces

Classes	
Class	Description
CreateObjectDemonstrator	This class is main class to create rectangle objects and use move functions to reset rect.
Point	setting point in this class
Rectangle	Setting Rectangle's postion and move the object's points as well and getting area of the rectangle

CreateObjectDemonstrator class and interfaces

Package edu.handong.csee.java.encapsulation

Class CreateObjectDemonstrator

java.lang.Object[™]

edu. handong. csee. java. en capsulation. Create Object Demonstrator

This class is main class to create rectangle objects and use move functions to reset rect.

Constructor Summary

Constructors

Constructor Description

 ${\tt CreateObjectDemonstrator()} \ \ {\tt This is a constructor for CreateObjectDemonstartor}$

Method Summary

All Methods

Static Methods

Instance Methods

Concrete Methods

Modifier and Type Method

Description

static void main(String[2]] args)

main to run program

void run()

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main to run program

void run()

to run program.

Methods inherited from class java.lang.Object[™] *?*

clone¹², equals¹², finalize¹³, getClass¹³, hashCode¹³, notify¹³, notify¹³, toString¹³, wait¹³, wait¹³

Constructor Details

CreateObjectDemonstrator

public CreateObjectDemonstrator()

This is a constructor for CreateObjectDemonstartor

Method Details

main

public static void main(String[™][] args)

main to run program

Parameters:

Method Details

main

public static void main(String[™][] args)

main to run program

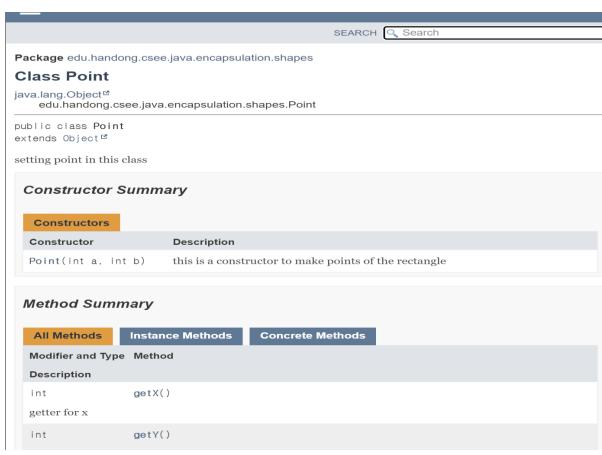
Parameters:

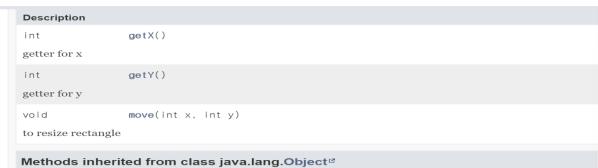
args - for running

run

public void run()

to run program.





clone¹², equals¹², finalize¹³, getClass¹³, hashCode¹³, notify¹³, notifyAll¹³, toString¹³, wait¹³, wait≝, wait≝

Constructor Details

Point

public Point(int a, int b)

this is a constructor to make points of the rectangle

Parameters:

a - x point

b - y point

Method Details getX public int getX() getter for x Returns: X getY public int getY() getter for y Returns: move public void move(int x, int y) to resize rectangle Parameters: × -

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Rectangle class and interfaces

Package edu.handong.csee.java.encapsulation.shapes

Class Rectangle

java.lang.Object[™]

edu.handong.csee.java.encapsulation.shapes.Rectangle

public class Rectangle

extends Object₫

Setting Rectangle's postion and move the object's points as well and getting area of the rectangle

Constructor Summary

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Constructor	Description		
Rectangle()	Constructing Default value of 0,0		
Rectangle(int w, int h)	Constructing setting rect's position		
Rectangle(Point p)	Constructing setting points		
Rectangle(Point p, int w, int h)	Constructing setting origin one to new one		

Method Summary

All Methods

Instance Methods

Method

Concrete Methods

Modifier and Type

Description

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type

Method

Description

int

getArea()

a method for computing the area of the rectangle

int

getHeight()

getter for height

Point

getOrigin()

getter for origin point

int

getWidth()

getter for width

void

move(int x, int y)

a method for moving the rectangle

Methods inherited from class java.lang.Object[™]

clone^{LG}, equals^{LG}, finalize^{LG}, getClass^{LG}, hashCode^{LG}, notify^{LG}, notify^{LG}, toString^{LG}, wait^{LG}, wait^{LG}, wait^{LG}

Constructor Details

Rectangle

public Rectangle()

Constructing Default value of 0,0

Rectangle

public Rectangle(Point p)

Constructing setting points

Parameters:

 ${\sf p}$ - getting points from its class

Rectangle

Constructing setting rect's position

Parameters:

w - width

h - height

Method Details

move

```
\begin{array}{c} \text{public void move(int } \mathsf{x}, \\ & \text{int } \mathsf{y}) \end{array}
```

a method for moving the rectangle

getArea

```
public int getArea()
```

a method for computing the area of the rectangle

Returns:

getWidth

```
public int getWidth()
```

getter for width

Returns:

width

```
getHeight

public int getHeight()
getter for height

Returns:
height

getOrigin

public Point getOrigin()
getter for origin point

Returns:
origin object
```

Taken Time: 2 Hours and 10 minutes.

Program did not work well as it seemed CreateObjectDemonstrator.java could not import sub classes. But I have rewatched lectures and found out reason and solved. Still using gitbash to run java program was quite tricky for me. I found out that I have to sort out all the information given by Professor and have to work every single day to keep up to date. But I am glad that I got 5/5 for jChecker.!

