

Exam – supplement

The Java standard library

A small subset of the Java standard library

Below is a brief description of some classes and interfaces in the Java standard library. One may not assume that this description is complete: it may contain that which is not needed, and omit that which is required on the exam.

The class `java.awt.Point`

A description of some constructors and methods in the class `java.awt.Point`:

```
public Point ()
```

Creates a point with both coordinates set to 0.

```
public Point (int x, int y)
```

Creates a point with the given integer coordinates.

```
public Point (Point p)
```

Creates a copy of a given point.

```
public String toString ()
```

Returns the string representation of the point. The returned string has the format: `java.awt.Point[x=3,y=4]`

```
public void move (int x, int y)
```

Sets the coordinates of the point to the given values.

```
public double distance (Point2D p)
```

Returns the distance between the point and a given point. This method is inherited from the superclass `java.awt.geom.Point2D`.