Class java.awt.Point

```
java.lang.Object
   |
   +----java.awt.Point
```

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public class **Point**
extends Object

An x,y coordinate.

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Variable Index

o **x**
The x coordinate.
o **y**
The y coordinate.

Constructor Index

o **Point**(int, int)
Constructs and initializes a Point from the specified x and y coordinates.

Method Index

o **equals**(Object)
Check if two pointers are equal.
o **hashCode**()
Hashcode
o **move**(int, int)
Move the point.
o **toString**()

Returns the String representation of this Point's coordinates.

o **translate**(int, int)

Translate the point.

Variables

o **x**

```
public int x
```

The x coordinate.

o **y**

```
public int y
```

The y coordinate.

Constructors

o **Point**

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

Constructs and initializes a Point from the specified x and y coordinates.

Parameters:

x – the x coordinate

y – the y coordinate

Methods

o **move**

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

Move the point.

o **translate**

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

Translate the point.

o **hashCode**

```
public int hashCode()
```

Hashcode
Overrides:
hashCode in class Object

o **equals**

```
public boolean equals(Object obj)
```

Check if two pointers are equal.
Overrides:
equals in class Object

o **toString**

```
public String toString()
```

Returns the String representation of this Point's coordinates.
Overrides:
toString in class Object