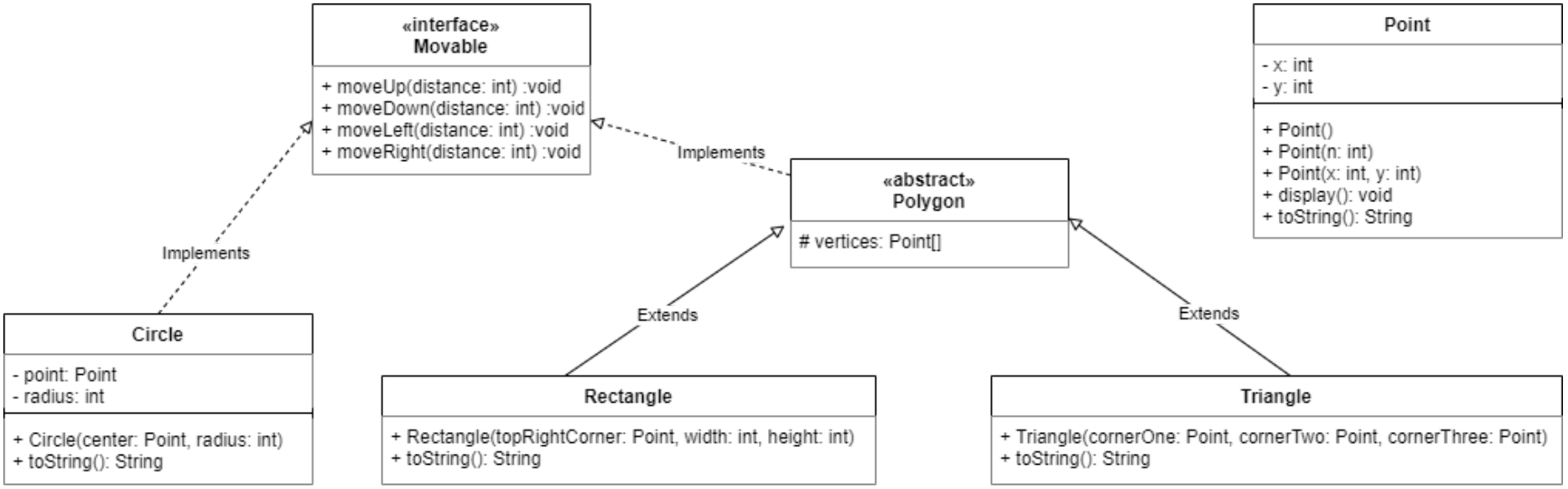
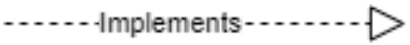
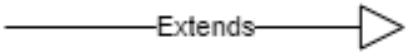
Movable





Represents an implement relationship between two entities



Represents an extends relationship between two entities

+ is public
- is private
 # is protected
<<interface>> - is an interface
<<abstract>> - is an abstract class

Create the appropriate Java classes and interfaces using the diagrams above. Given the definition of the Point class:

```
public class Point {
  private int x;
  private int y;

  public Point() {
    this(0, 0);
  }

  public Point(int n) {
    this(n, n);
  }


  public Point(int x, int y) {
    this.x = x;
    this.y = y;
  }

  public void display() {
    System.out.println(this);
  }

  public int getX() {
    return x;
  }
```

```
  public int getY() {
    return y;
  }

  public void setX(int x) {
    this.x = x;
  }

  public void setY(int y) {
    this.y = y;
  }

  @Override
  public String toString() {
    return "<" + x + ":" + y + ">";
  }
}
```