

## Line.java

```

/*****
 * Class for Line object within Ted Editor Program as the base object in
 * the Linked List structure
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 */
public class Line {
    //Content string, next and previous reference objects
    private String content;
    private Line next;
    private Line prev;

    /*****
     * Constructs a new blank line object
     */
    public Line() {
        content = "\n";
    }

    /*****
     * Constructs a new line object with parameter text as content
     * @param newLine String to be set as line content
     */
    public Line(String newLine) {
        content = newLine + "\n";
    }

    /*****
     * Sets the next object reference to the parameter line
     * @param l Line to be set as next in the Linked List
     */
    public void setNext(Line l) {
        next = l;
    }

    /*****
     * Gets the next object reference in the Linked List structure
     * @return Next Line in the Linked List
     */
    public Line getNext() {
        return next;
    }

    /*****
     * Sets the previous object reference in the Linked List structure
     * @param l Line to be set as previous in the Linked List
     */
    public void setPrev(Line l) {
        prev = l;
    }
}

```

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}

/*****
 * Gets the previous object reference in the Linked List structure
 * @return Previous Line in the Linked List
 */
public Line getPrev() {
    return prev;
}

/*****
 * Returns string representation of the Line object
 */
public String toString() {
    return content;
}
}
```