FeedParser Class after refactoring

```
package com.StockTake;


import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStream;

import java.io.InputStreamReader;

import java.net.URL;

import java.nio.charset.Charset;

import java.util.Calendar;

import java.util.LinkedList;

import java.util.StringTokenizer;

import android.util.Log;


public class FeedParser {


	public void getFeed(Finance toPopulate, String currentStock) {

		BufferedReader reader;

		String csvData[] = null;


		reader = null;

		try {

			reader = getCsvHistoric(currentStock, "current");

			csvData = parseCsvRealtime(reader);

		} catch (IOException e) {

		}

		toPopulate.setLast((Float.parseFloat(csvData[1]))/100f);
```

```
		toPopulate.setName(currentStock);
		toPopulate.setInstantVolume(Integer.parseInt(csvData[2]));

		try {
			reader = getCsvHistoric(currentStock, "Weekly");
			csvData = parseHistoricVolume(reader);
		} catch (Exception e) {
		}
		toPopulate.setClose((Float.parseFloat(csvData[0]) / 100f));
		toPopulate.setVolume(Integer.parseInt(csvData[1]));

	}

	public LinkedList<Float> getHistoricFeed(String currentStock, String time) {
		BufferedReader reader;
		LinkedList<Float> csvHistoricList = new LinkedList<Float>();

		try {
			reader = getCsvHistoric(currentStock, time);
			csvHistoricList = parseCsvHistoric(reader);
		} catch (IOException e) {
		}
		return csvHistoricList;
	}

	public BufferedReader getCsvHistoric(String stockSymbol, String timeFrame) {
		URL feedUrl = null;
		InputStream is = null;
```

```
		Calendar cal = Calendar.getInstance();
		int day = 0, month = 0, year = 0;

		day = cal.get(Calendar.DAY_OF_MONTH);
		month = cal.get(Calendar.MONTH);
		year = cal.get(Calendar.YEAR);

		if (timeFrame.equals("Weekly")) {
			day = cal.get(Calendar.DAY_OF_MONTH) - 8;
		} else if (timeFrame.equals("Monthly")) {
			month = cal.get(Calendar.MONTH) - 1;
		} else if (timeFrame.equals("Yearly")) {
			year = cal.get(Calendar.YEAR) - 1;
		}else if (timeFrame.equals("current"))
		{
			try{
				URL feedUrl = new URL("http://finance.yahoo.com/d/quotes.csv?s="+
stockSymbol + ".L&f=nb2b3va");
				InputStream is = feedUrl.openStream();
				catch(IOException e)
				{
					Log.e("error", e.toString());
				}
				return new BufferedReader(new InputStreamReader(is,
Charset.forName("UTF-8")));
		}

		try {
			feedUrl = new URL("http://ichart.yahoo.com/table.csv?s="+ stockSymbol + ".L&a="
+ month + "&b=" + day + "&c="+ year);
```

```
            is = feedUrl.openStream();
        } catch (IOException e) {
            Log.e("error", e.toString());
        }

        return new BufferedReader(new InputStreamReader(is, Charset.forName("UTF-8")));
}



private LinkedList<Float> parseCsvHistoric(BufferedReader csvToParse)
            throws IOException {
        String strLine = "";
        StringTokenizer st = null;
        int lineNumber = 0, tokenNumber = 0;
        LinkedList<Float> historicList = new LinkedList<Float>();
        while (((strLine = csvToParse.readLine()) != null)) {
            lineNumber++;
            if (lineNumber != 1) {
                st = new StringTokenizer(strLine, ",");
                String token;
                while (st.hasMoreTokens()) {
                    tokenNumber++;
                    token = st.nextToken();
                    if (tokenNumber == 5) {
                        historicList.addFirst(Float.parseFloat(token));
                    }
                }
                tokenNumber = 0;
            }
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```
        }
        return historicList;
}

private String[] parseHistoricVolume(BufferedReader csvToParse)
                throws IOException {
        String strLine = "";
        StringTokenizer st = null;
        int lineNumber = 0, tokenNumber = 0;
        String[] csvData = new String[2];
        while (((strLine = csvToParse.readLine()) != null)) {
                lineNumber++;
                if (lineNumber == 2) {
                        st = new StringTokenizer(strLine, ",");
                        String token;
                        while (st.hasMoreTokens()) {
                                tokenNumber++;
                                token = st.nextToken();
                                if (tokenNumber == 5) {
                                        csvData[0] = token;
                                }
                                if (tokenNumber == 6) {
                                        csvData[1] = token;
                                }
                        }
                        tokenNumber = 0;
                }
        }
        return csvData;
```

```
}

private String[] parseCsvRealtime(BufferedReader csvToParse) {
	String strLine = "";
	StringTokenizer st = null;
	int tokenNumber = 0;
	String csvdata[] = new String[4];

	try {
		strLine = csvToParse.readLine();
	} catch (IOException e) {}
	strLine = strLine.replace("\"", "");
	st = new StringTokenizer(strLine, ",");
	String token;
	float ask = 0f;
	float bid = 0f;

	while (st.hasMoreTokens()) {
		token = st.nextToken();
		if (tokenNumber == 0) {
			csvdata[0] = token; // name in first field
		}
		if (tokenNumber == 1) {
			ask = Float.parseFloat(token);
		}
		if (tokenNumber == 2) {
			bid = Float.parseFloat(token);
			csvdata[1] = Float.toString((ask + bid) / 2); // price in second field
```

```
                }
                if (tokenNumber == 3) {
                        csvdata[2] = token; // volume in third field
                }
                tokenNumber++;
        }
        return csvdata;
    }
}
```