Class Diagram

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public class Driver

PROPERTIES

CONSTRUCTORS

public Driver()

METHODS

ASSOCIATION

public static void main(String[] args)
void runProgram(String filename)

ASSOCIATIO

SSOCIATION

ASSOCIATION

public class Franchise

PROPERTIES

private Store stores[]

CONSTRUCTORS

public Franchise (int num)

METHODS

public Store getStores(int i)
public int getNumberOfStores()
public void setStores(Store stores, int i)
public void calc()

public class FileIO

PROPERTIES

private String fname private boolean DEBUG

CONSTRUCTORS

public FileIO(String fname)

METHODS

public Franchise readData()
public int buildStore(Franchise a1, int
counter, String temp)

public class UI

PROPERTIES

Franchise f

CONSTRUCTORS

public UI()

METHODS

public void play()

ASSOCIATION

public class Store

PROPERTIES

```
private float avgSalesByWeek[];
private float avgWeeklySales;
private float salesByWeek[][];
private float totalSalesByWeek[];
private float totalSalesForAllWeeks;
private int weekWithHighestSales;
private int weekWithLowestSales;
```

CONSTRUCTORS

public Store()

METHODS

```
public float getTotalSalesForWeek(int week)
public void setSaleForWeekDayIntersection(int
week, int day, float sale)
public void printData()
public void calcTotalSalesByWeek()
public void calcAvgSalesByWeek()
public void calcAvgSalesByWeek()
public void calcAvgWeeklySales()
public void calcAvgWeekWithHighestSales()
public void calcWeekWithLowestSales()
public void analyzeResults()
public void print(int x)
```