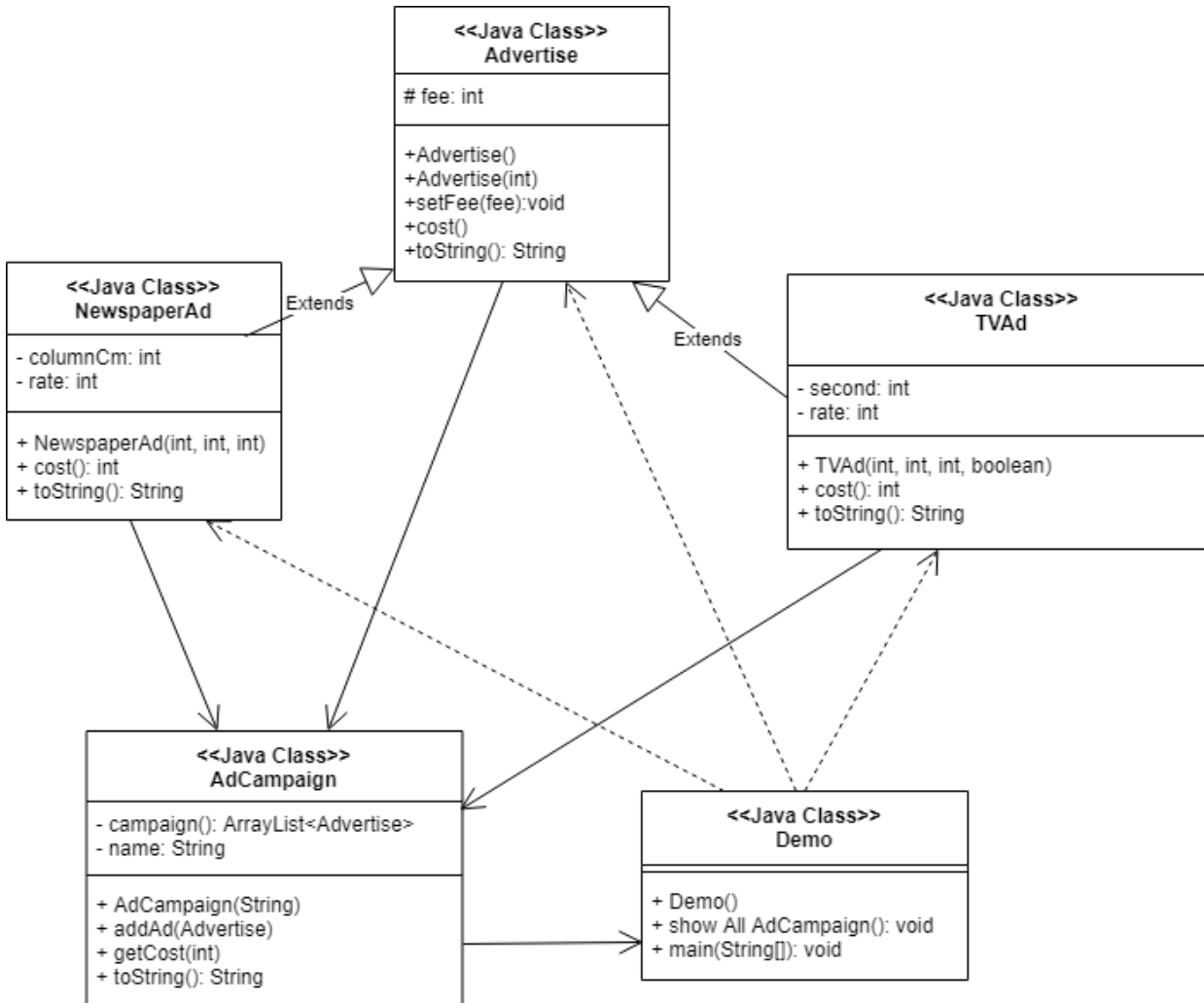


# Homework



1. We need to create class Advertise.

We need to have following instance variable to store in the class

- fee as int:

The class also needs to implement the following instance methods:

- constructor: no argument
- constructor: has an argument: fee
- `setFee(int)`: argument fee and set value to fee
- `cost()`: return fee
- `toString()`: display fee.

2. We need to create class NewspaperAd extend from class Advertise

We need to have following instance variable to store in the class

- column as int: column in newspaper

- rate as int:

The class also needs to implement the following instance methods:

- constructor: has fee, columnCm, ratePerCm
- cost(): return fee
- toString(): return toString() from class Advertise, columnCm, rate

### 3. create class TVAd extent from class Advertise

This class need to have following instance variable to store in the class

- second as int: second of advertise
- rate as int:
- peakTime as Boolean:

The class also needs to implement the following instance methods:

- constructor(): have arguments fee, rate, adLength, peakTime and instance variable from class Advertise
- cost(): return cost() from class Advertise and variable second has condition
- toString(): return toString() from class Advertise with second and rate

### 4. create class AdCampaign

This class need to have following instance variable to store in the class

- campaign as ArrayList of Advertise
- name as String: name of advertise

This class need to have following instance variable to store in the class

- constructor(): has an argument name
- addAd(): for add advertise into campaign
- getCost(): return total cost of advertise
- toString(): for return total cost

### 5. create class Demo to test advertise by 2 advertises

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
Advertisement Campaign Name: Citra costs in Total is 6700
Advertisement Fee: 500
Advertisement Fee: 5000 ,TV advertisement lenght: 30secs ,Rate: 40
Advertisement Campaign Name: Pizza costs in Total is 2420
Advertisement Fee: 100 ,Newspaper Advertisement { column centimeter: 3 ,rate per centimeter: 40
Advertisement Fee: 2000 ,TV advertisement lenght: 20secs ,Rate: 10
```