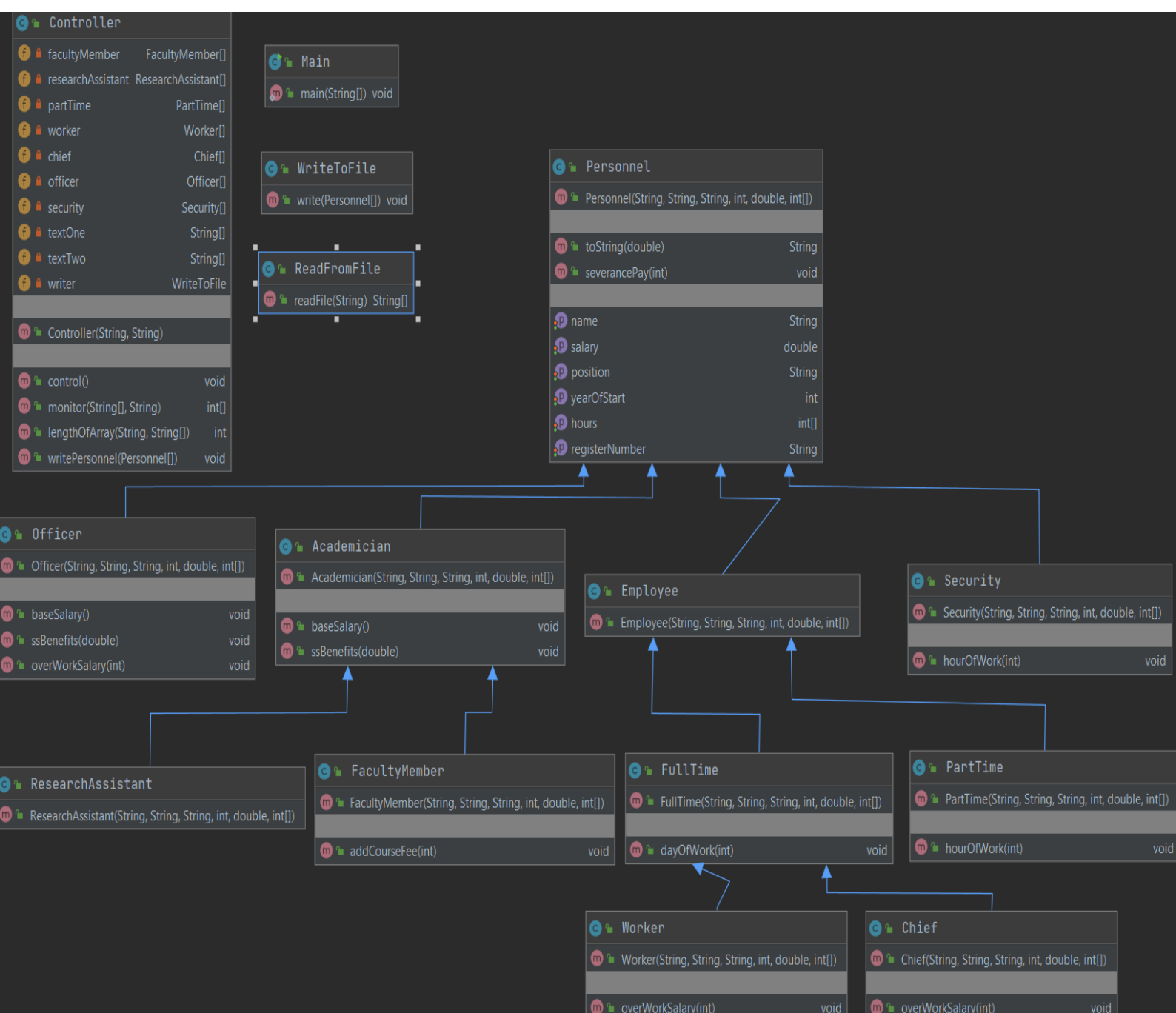


# BBM 104 PROGRAMMING ASSIGNMENT2-REPORT

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UML DIAGRAM:



First of all, **Main** class create controller object from Controller class. It call *control()* method of class **Controller**. Control methods actually complete inside of all 'personnel' arrays.

**Controller** class provide this methods:

*control()* methods complete inside of all 'personnel' arrays.

*lengthOfArray()* method define length of array for each personnel class.

according to 'monitoring.txt', *monitor()* method return array.

*writePersonnel()* method write about information of each personnel class on the txt file.

**Personnel** class is a parent class. It has six attributes: name, salary, position, yearOfStart, hours(weekly) and registerNumber. Also, it has two methods: *toString()* and *severancePay()*.

*toString()* method convert to .00 TL of shape of salary.

All personnel have *severancePay()* method.

**Other all child class** use methods and attributes of parent class. Moreover, they use several special method in their own class and they provide calculate salary.

**ReadFromFile** class read personnel.txt and monitoring.txt and it return array.

**WriteToFile** class take data from *writePersonnel()* method of **Controller** class and write this data.