

# Report of Assignment 2

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## 1 – Problem

In this assignment we are expected design a salary calculation and management system with the information from the personnel file and the monitoring file.

## 2 – Algorithm

My algorithm in this assignment is so simple. First I created a Personnel class which is parent class and it contains common features such as name and surname. Then I created Fulltime and Academioffice classes. Which are sub parent classes.

Fulltime class contains workers and chiefs same attributes and methods. Academioffice class contains academicians, research assistants and officers same attributes and methods.

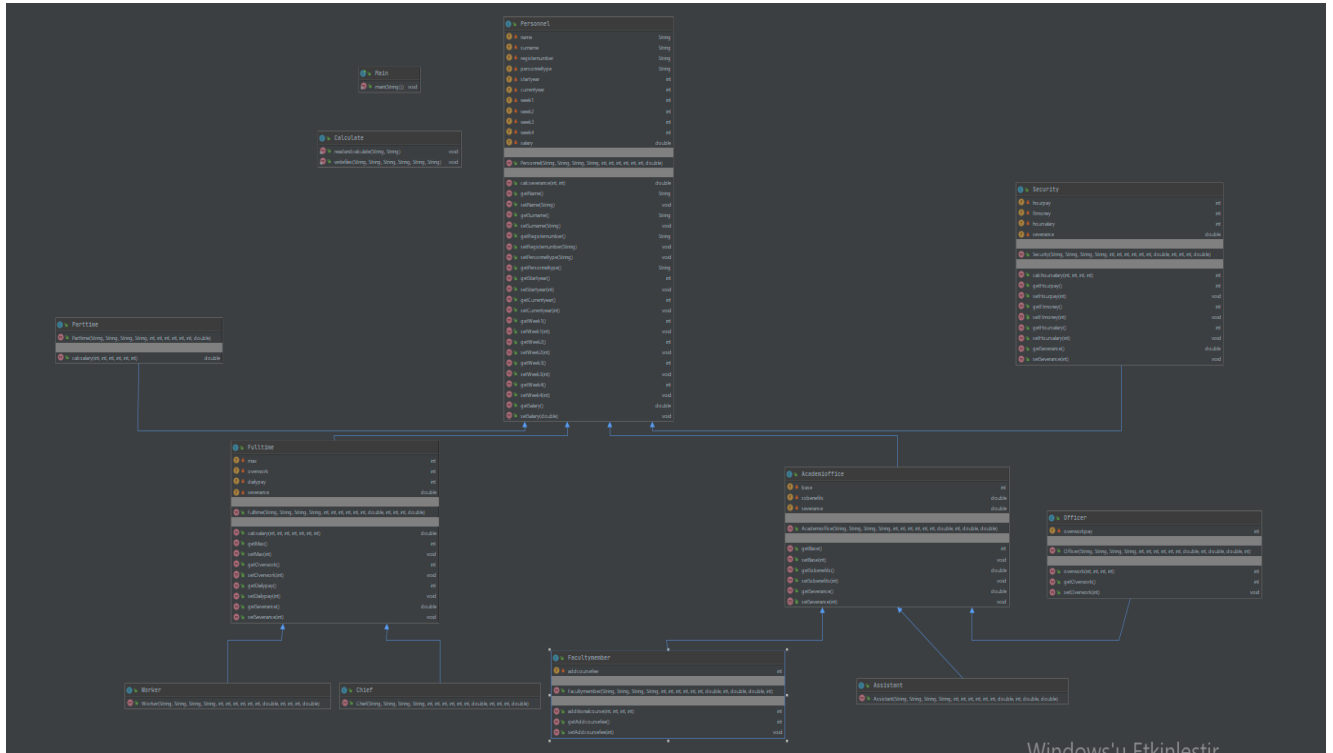
Second, I created other classes according to personnel type.

Finally, I created Calculate class which contains reading and calculation operations.

Then I decided to create an object according to position of personnel and getting its informations. So I calculate extra salaries such as additional course fee.

Last of all I sum these salaries to get total salary.

### 3- UML Diagram



Windows'u Etkinleştiri