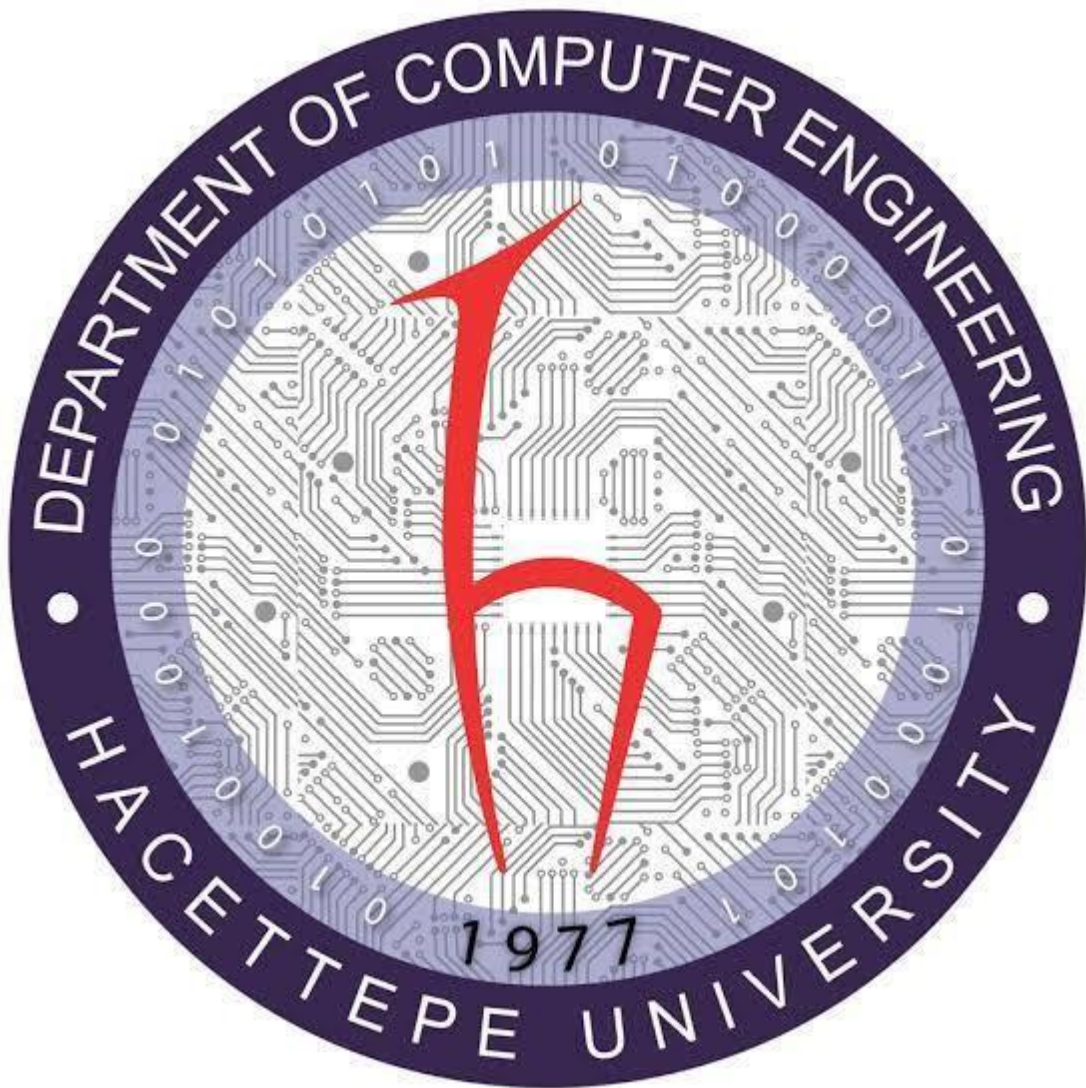


BEŞİR KASSAB – 21727388

ASSIGNMENT 2 – REPORT



Program Definition:

- This program is calculating monitor payroll of personnel in a university.
- There are 2 text files given to us for read and work on it which includes <Personnel Name>,<Register Number>,<Position>,<Start Year> and the other file is <Register Number>,<Week1 Hours>,<Week2 Hours>,<Week3 Hours>,<Week4 Hours>.
- My program takes 2 argument total, first argument is personnel text file and second one is monitor text file.
- When my program start to execute this two file, read and create a list with a given text files. Create personnels with names, surnames, register numbers, positions and hours.

Method:

- My code starts a for loop with a class list and calling salaryCalculator functions with register numbers first index. Function will calculate and execute new text files such as output files.

Functions:

- readFile(): This function takes 3 parameters and reading personnel file and monitoring file then creates a personnel list with split operation.
- getLength(): This function take 1 parameter and return size of personnel for creating list firstly.
- salaryCalculator(): This function is overriding function with some classes. Function take 1 parameter from Personnel class to calculate Personnel salary with some mathematic operations and creates a text file with given order and fill text file.

UML Class Diagram:

