Capstone Project

* DTO’s
  + Employees 🡪
    - Created variables
    - Created getters, setters, and constructor.
  + Company 🡪
    - Created variables
    - Created getters, setters, and constructor.
  + Sixth Floor 🡪
    - Created variables
    - Created getters, setters, and constructor.
* DAO’s
  + Employees Repository 🡪
    - Query to find Employee name.
    - Query to find Company name.
  + Company Repository 🡪
  + Sixth Repository 🡪
* Controllers
  + Employee Controllers 🡪
    - Basic CRUD methods with mapping “/employees”
    - Methods to find by employee name and find employees by company name.
  + Company Controller 🡪
    - Basic CRUD methods with mapping “/companies”
* Service
  + Employee Service 🡪
    - Add Employee method to add employee to the database.
    - Delete employee method to delete employee from database.
    - Promotion method – if isPromoted = true then set has Access to true.
    - Demotion method – is isPromoted = false then set has Access to false.
    - Set company Title method to randomly assign company name to employee.
    - Entry method to set employee entry to true.
  + Company Service 🡪
    - Get all companies method to return a list of all companies.
    - Print employees method to print employees based on company title.
    - Create log method to log all entries by employees.
    - Print log method to print the log.
  + Sixth Floor Service 🡪
    - Set access method to set access to server room or conference room if the employee has access.