Create a system for an HR department that can run payroll in order to pay employees. Employees are paid differently depending on the type of employee.

* Salaried employee – pay the employee their hourly rate for the all hours worked up to the number of hours in the pay period. (The employee’s hourly rate can be calculated by dividing their annual salary by 2080.)
* Hourly employee – pay the employee their hourly rate for the all hours worked up to the number of hours in the pay period for all hours worked. Pay the employee time and a half for all hours worked above the number of hours in the pay period.

The system must be able to pay employees using bi-weekly pay periods where the number of hours before time and a half is 80 hours per pay period.