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 all hours worked. (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. 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.