employeeId, hoursWorked, hourlyRate, grossPay, employeeIds, employeeHoursWorked, employeeHourlyRates, isValid, ArrayList employees

isValid = false;

Scanner scanner = new Scanner(system.in)

WHILE !isValid

Prompt user for employee IDs

Set userinput as String employeeIds

Split string into array, setting it as employeeIdArray

Prompt user for hours worked

Set userinput as String employeeHoursWorked

Split string into array, setting it as employeeHoursWorkedArray

Prompt user for hourly rates

Set userinput as String employeeHourlyRates

Split string employeeHourlyRates into string array employeeHourlyRates

Initiate try block

FOR(int i = 0; i < array.length; i++)Iterate through array employeeIdArray

For each index, convert corresponding elements of employeeIdArray, employeeHoursWorkedArray, and employeeHourlyRatesArray to float values

Create float[] employee array containing converted ID, hourly rate, and hours worked.

Add employee[] to employees ArrayList

ENDFOR

Catch exception, print error message and restart program

isValid = true;

ENDWHILE

Inform user processing is complete

Print column headers

FOR( employee in employees) Iterate through employees ArrayList

Set employeeId, hourlyRate, hoursWorked local variables to corresponding values in current employees element

IF(hoursWorked > 40)

grossPay = hourlyRate \* 40

grossPay = grossPay + (hoursWorked – 40) \* hourly rate / 2

ELSE

grossPay = hoursWorked \* hourlyRate

ENDELSE

Print local variables employeeId, hourlyRate, hoursWorked, grossPay to console with formatting.