The Current Psuedocode   
  
Start   
//declare the variables   
String employeeName   
Real hoursWorked   
Real hourlyPayRate   
Real grossPay   
Real netPay   
Real taxRate   
Integer const MAX\_EMPLOYEES = 250   
Integer employeeCount   
Boolean continue   
Character inputChar   
  
  
Call displayOpeningMessage   
  
//initialize the loop control variables   
employeeCount = 0   
continue = true   
  
//process employees until user wants to stop or maximum number   
//of employees have been reached   
  
while (continue = true AND employeeCount <= MAX\_EMPLOYEES )   
Display “Do you want to process employee’s pay?   
Display “Enter ‘Y’ to continue, ‘N’ to stop”   
  
Get inputChar   
If (inputChar = ‘Y’ OR inputChar = ‘y’)   
employeeCount = employeeCount + 1   
Call getInput   
Call calculatePay   
Call displayOutput   
Else   
Continue = false   
End if   
end while   
Display employeeCount, “ employees have been processed”   
  
Call displayTerminationMessage   
Stop   
  
Module displayOpeningMessage   
//provide a welcome statement and directions   
Display “Pay Calculator”   
Display “Enter the requested values to calculate the gross pay for an employee”   
End Module   
  
Module getInput   
//get the input   
Display “Enter the Employee’s name”   
Input employeeName   
  
Display “Enter the number of hours worked”   
Input hoursWorked   
  
Display “Enter the hourly pay rate”   
Input hourlyPayRate   
End Module   
  
Module calculatePay   
calculateGrossPay   
calculateNetPay   
end Module   
  
Module calculateGrossPay   
//calculate the gross Pay   
Set grossPay = hourlyPayRate \* hoursWorked   
End Module   
  
Module calculateNetPay   
//find the tax rate, then calculate netPay   
//note do not need to check for lower bound   
//since lower bound is checked as the upper bound of the   
//previous condition   
If grossPay < 1500 then   
taxRate = .15   
else if grossPay < 3000 then   
taxRate = .19   
else if grossPay < 5000 then   
taxRate = .21   
else if grossPay < 6000 then   
taxRate = .23   
else   
taxRate = .27   
End if   
netPay =grossPay \* (1 - taxRate) //same as grossPay – grossPay\*taxRate   
End Module   
  
Module displayOutput   
//display the output   
Display “The gross pay for “, employeeName, “is: “   
Display “Hours worked: “, hoursWorked   
Display “Hourly pay rate: “, hourlyPayRate   
Display “Gross Pay: “, grossPay   
Display “Tax Rate: “, taxRate   
Display “Net Pay: “, netPay   
End Module   
  
Module displayTerminationMessage   
//display termination message   
Display “Thank you for using Pay Calculator”   
Display “Enter any key to quit”   
End Module