**AC51002 - Software Development: Course Work 1**

**Descriptions of Variables and functions**

**Variables:**

baseDirectory

clockInTime

currentProductionTime

currentOperatingHours

currentTime

currentTimeFmt

fileContent

fileName

fileNames

hoursWorked

itemsCatalog

itemNames

itemsPerHour

line

openedFile (stream object)

operatorId

operatorInput

operatingHours

operatingHoursLimit

previousHoursWorked

previousTotalPerItem

previousTotalAllItems

productionDataDirectory

totalItems

workingHoursStart

workingHoursStop

**Functions:**

resetData()

triggerServiceMaintenance()

retrieveOperatorData(operatorId)

return int(previousHoursWorked)

updateOperatorData(operatorId, operatingHours, previousHoursWorked)

retrieveOperatingHours()

return operatingHours

updateOperatingHours(operatingHours, hoursWorked)

return operatingHours

logIn(clockInTime)

return operatorId, hoursWorked