

What the application should do?

Import a comma delimited file which contains Employees' Ids, Hours worked for each shift,rate paid for each hour, Visa (null if a Resident and Visa number if not Resident) and YearToDate (Each row denotes a single shift, An employee has worked for 1 or more shift.)

Calculate the gross pay, tax amount and net pay.

If a resident ,how the tax is calculated: Find the correct values for A and B as per Gross Pay.

Gross Amount = SUM(rate * hours) for the employee

Tax = A * Gross - B

Net Amount = Gross Amount - Tax

Gross (>)	Gross (<=)	A	B
-1	72	0.19	0.19
72	361	0.2342	3.213
361	932	0.3477	44.2476
932	1380	0.345	41.7311
1380	3111	0.39	103.8657
3111	999999	0.47	352.7888

If a non-resident, how the tax is calculated:

Gross Amount = SUM(rate * hours) for the employee

YearToDate(Pay) + Gross Amount = Total Gross Amount.

-> Tax rate based on Total Gross Amount

Tax = Gross Amount * rate.

Net Amount = Gross Amount - Tax

Gross (>)	Gross (<=)	Rate
-1	37000	0.15
37000	90000	0.32
90000	180000	0.37
180000	9999999	0.45

Using reusable components, write the calculated gross amount,tax amount,net amount to the

Console Window

CSV file (File name should be {DateTime.Now.Ticks}-records.csv Eg: **637050122993045755-records.csv**)