**MINI-PROJECT: Part I**

Course: DPE/AAT/DEB

Module: EGx111 – Computer Programming/ Programming Essentials

Time: To present & submit by week 11

1. **Objective**

To develop a personal income tax calculator using Visual C#. The following are the required specifications:-

1. A person can enter salary from employment, overseas stocks dividend and other sources of money earned. These are considered as **gross income**.
2. A person is given a **tax relief** of $15000 for single/divorced and $25000 for married. Tax relief should be deducted from gross income (from above (1)) to get the **taxable income**.
3. Gross rental income is yearly rental of real estate property. However, you can get deductions by opting for one of two options:
   * Option 1: Deductions such as property tax paid, interest paid for loan and maintenance fees/repair (values entered by user).
   * Option 2: Deduction is given as 15% of the annual property value (entered by user)

Net rental income is gross rental income minus off deduction above. Net rental income is to be **added** to taxable income (from (2)).

1. Tax Payable

Tax Payable is calculated as follows:

* + First $20000 of taxable income attracts 15% taxation
  + Any **excess** taxable income above $20000 is calculated at 25% taxation

Once tax payable is calculated, you can get discount for tax payable. The conditions are:-

* + If you have 2 dependents (parent/child support) you will get 20% discount off the tax payable.
  + If you have 3 or more dependents (parent/child support) you will get 30% discount off the tax payable