Homework 2 – Events Planning

Payroll Calculator

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| **Object Name** | **Event Trigger** | **Event Processing and State** |
| frmPayrollCalc | Load | lblFICA set to empty str  lblFed set to empty str  lblState set to empty str  txtGrossPay has focus & cleared  lblNetIncome set to empty str |
| btnClear | Click  Or esc | lblFICATax, lblFedTax, lblStateTax, lblNetAmt set to empty str  txtGrossPay has focus & cleared |
| btnExit | Click | Close window & exit program |
| btnTaxCalc | Click  Or enter | Declare variables  Declare & initialize const variables for FICA, Fed, & state tax  Convert strIncome to Decimal  Calc & display each tax as percentage of income  Calc & display net income as remainder after taxes  Exception handler for FormatException if bad input received for gross income amt |
| lblHeading | None | Displays program name |
| lblPaycheckCalc | None | Displays additional program detail |
| lblEnterGross | None | Instructs user to enter gross pay amount |
| txtGrossPay | None | Input area for gross income amount |
| lblFICA | None | Displays FICA tax amount from income  Resets to blank amount on load & btnClear click |
| lblFed | None | Displays Federal tax amt from income  Resets to blank amt on load & btnClear click |
| lblState | None | Displays State tax amt from income  Resets to blank amt on load & btnClear click |