**401k DSS Development**

**B3: up to 4% (company contribution)**

* Data >> Data Validation >> Settings tab >> Decimal >> “less than or equal to” from the Data list arrow >> Type “0.04” in the Maximum text box
* Input message tab (make sure the check box is checked) >> “Title” text box >> Type “Valid Data” >> “Input Message” text box >> Type “Percent of salary invested by employer cannot exceed 4%.”
* Error Alert tab (make sure the check box is checked) >> Style list arrow >> Stop >> type “Invalid Data” in the Title text box >> type “You entered a value above 4%. A Valid percentage is 4% or less” in the Error message text box

**B9: from 0% to 20% (employee contribution)**

* Data >> Data Validation >> Settings tab >> Decimal >> “less than or equal” to from the Data list arrow >> Type “0.2 (employee contribution)” in the Maximum text box.
* Input message tab (make sure the check box is checked) >> Title text box >> Type “Valid Data” >> Input Message text box >> Type “Percent of salary invested by employee cannot exceed 20%.”
* Error Alert tab (make sure the check box is checked) >> Style list arrow >> Stop >> type “Invalid Data” in the Title text box >> type “You entered a value above 20%. A Valid percentage is 20% or less” in the Error message text box.

# E8: Formulas >> select Logical >> IF

* type “Invested>MaxMatch” in the Logical\_test text box
* type “Salary\*MaxMatch/12” in the Value\_if\_true text box
* type “Salary\*Invested/12” in the Value\_if\_false text box

**E13: Formulas >> select Financial >> FV**

* type “Return/12” in the Rate(interest rate per period) text box
* type “D13\*12” in the Nper(number of periods) text box
* type “TotContribution” in the Pmt(payments made each period) text box

**Recording a Macro Action**

* Make cell **A1** the active cell
* Click the **View** tab on the Ribbon >> Click **Macros** >> Click Record Macro >>type **“**ClearInputs”in the Macro name box >> select “This Workbook” in the Store macro in list box >> assign a “**m**” in the Shortcut key box >> click OK
* Select the range **B3:B10** >> press the delete key >> Click the Stop Recording >> Save
* **Running the Macro:** Click **Macros>>** Click **View Macros>>** Choose the **Macro** and click **Run**