Your task is to create a list of risk ideas for a single variable. You will use the variable in the Assignment on Risk-Based Domain Testing. Therefore, you want a variable that will be appropriate for a domain analysis. You don’t have to suggest specific tests now. (You’ll do that in the Assignment.)

1. Start by picking a variable that is used in Open Office Impress or Writer. Don’t choose a binary variable or an enumerated variable (equivalence class analysis won’t work well for these.)
2. Look for risks associated with this variable:
   a. What values of this variable might cause a failure when you input the value?
   b. How does the program use the variable?
      i. What other functions of the program use this variable?
      ii. Where does the program display or print values of this variable?
      iii. Where does the program send values of this variable to?
      iv. Where does the program store values of this variable?
      v. Where does the program find values to load into this variable?
   c. As you consider each use, are there any values of the variable that could cause a failure? For example, consider how the variable might appear in:
      i. Calculations
      ii. Constraining the values of other variables
      iii. Cases in which the values of other variables are supposed to constrain this one
      iv. Controlling the execution path of the program
      v. Timed events (maybe something has to happen before this variable is used, or after this variable’s value is set)
      vi. Cases in which the processing of this variable can be paused or interrupted
      vii. Time-consuming events (maybe this variable controls or impacts tasks that could take too much time)
      viii. Displays or reports
      ix. Storage of this variable or of other variables in a way that is influenced by this variable
      x. Cases in which multiple instances of this program can run in parallel and change storage (in RAM or on disk) in a way that changes this variable or what will be loaded into this variable in the future
      xi. Messages or communications with other processes or systems
      xii. Controlling the operation of a device
3. List your set of risks in the forum. A list of 20 is good enough.
4. Post your list in the forum, then constructively criticize lists of two other students. Please pick a student who doesn’t already have several critiques.
REMINDER: THE TASK IS TO COMPILE A SET OF RISKS (potential failures) NOT A LIST OF TESTS OR VALUES TO TEST.