COP 2250 - Java 1
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Program COP2250pgm3d, covering Multidimensional and Parallel Arrays,
                      endless while loop, String class, files, Scanner

WORTH 8 POINTS

1 Worth 3 points
   - Log to this link: http://users.cis.fiu.edu/~mrobi002/downloads/HumanGenome/
hs_ref_GRCh37.p10_GBK_Compressed/
   - Select and download the last file in ths directory, file is 10 megs.
   - Open file and find out how many words does this file have.
   - Find out how many times the word gene is in this file.
   - How many record/lines/rows does this file have.

2 - Worth 2 points
      - Implement division by 0, with error trapping, using if and while() commands,
      - Make sure to use "casting" e.i. float result = (float)int/int;
      How: Using a while loop, read 2 numbers from the user.
           Using the if statement, test that the second number in not zero, if it is inform
           the user of the error, and ask for a correct second number.
           if the second number is NOT a zero, do the division, display all numbers and the
           computation using labels, the result MUST have 2 decimal places,
               e.g. "The first number 10 divided by the second number 5 is 2.00"
           To exit the while loop the user must enter the value 999 for the first or the second number.

3 - Worth 2 points
      - Create a two dimensional array of 10 rows by 10 columns
      - Load each index with the multiplication of its x and y location
      - Add all the values in row 2 from columns 3, 5, and 7, and print the total
      - Add all the values in row 8 from columns 1, 3, and 9, and print the total

4 - Worth 1 points
      Having the following TWO, ONE dimension arrays:

        one[0] = "This Java";   two[0] = "class";
        one[1] = "at ";   two[1] = "FIU";
        one[2] = "is ";   two[2] = "challenging && enjoyable";

       print the results in a parallel array format made with these two one dim arrays
       displaying the data BACKWARDS!!