BASIC INFORMATION ABOUT THIS STATA DO-FILE: This do-file allows you to flexibly grade raw multiple-choice bubble-form data. - It can be run on a computer with Stata version 10 or higher - It can be run by a Teaching Assistant (TA) in the graduate computer lab - You do NOT need Stata to use the output from this do-file: files and reports can be opened with Microsoft Excel, Word, or any text editor New features available as of October 2012: - Addresses the new 10 digit U of T Student Numbers - Works with U of T's new scanning software - Allows a non-zero minimum point value for each question if you wish - Allows simultaneous processing of multiple versions of the test that differ in the answer ordering, the question ordering, or even differ in the questions themselves so long as all versions have the same number of questions and total possible points (otherwise must be processed separately) - Detailed marks output includes points earned on each question so that you can assess a student's marks on different parts of a test if you wish Continuing features: - Easy to use no matter how you currently keep your student information - Allows you to accept more than one answer as correct should the need arise - Allows you to adjust students' marks (what our students call "curving") - Provides you with a detailed report of student performance for each question - Produces a file that you can post that lets students see what answers they wrote for each question and whether or not it is correct: no need to return the original bubble forms to students (stops ex post cheating). - Gives a histogram of students' marks that you can cut-and-paste or post - Supports 4 different versions of the test (i.e. question order scrambled) - Supports tests where point values vary across questions - Uses only final digits of the student # for the marked answers to be posted - Supports up to 140 questions (formerly limited to 50) - Added flexibility if you choose to accept more than on answer as correct - (However, students may only choose one of the five answers A - E or leave it blank.) - Allows analysis by section (lecture section, tutorial section, or other) Inputs: - A file containing scanned answers (machine produced) (comma delimited: .csv) - A file containing the list of registered students (*.csv) - Your entries below in this do-file Outputs: - A file with students' marked answers and last few digits of their student id # that can be posted. Capital letters for correct answers and lower case letters for incorrect answers. (mcq_marks_web_site_*.csv) A formatted template for Excel that you may cut-and-paste into is available at: http://homes.chass.utoronto.ca/~murdockj/teaching/mcq marks web site.xlsx Please use that template for posting your results for students: you may convert it to a pdf file for maximum accessibility for students. - A file with the detailed students' marks for your records (mcg marks *.csv) - A file with a detailed report on students' performance (REPORT *.txt) - Two picture files with histograms of students' marks (HISTOGRAM *.emf and HISTOGRAM alt *.emf): mathematically identical, choose one that looks better * * How to use: (1) Place this do-file and all required (input) files in a SINGLE directory (folder) (2) Read the instructions below that explain what you must enter (e.g. correct answers)* in this do-file. Lines where you are expected to enter something marked by the symbol /*###*/. Complete these actions according to the instructions. > Do NOT change anything except where asked (i.e. at lines starting with /*###*/) > Read and FOLLOW INSTRUCTIONS VERY PRECISELY. (3) Double click on this do-file to run it (4) Carefully review the grade report (REPORT *.txt) to ensure that you did what you did what you meant to do. (This code checks your inputs and alerts you to errors or possible errors that you will need to fix or double-check.) * * * * * * * * * * * * * * * /