# Excel Built-In Functions Lab

1. The Excel file name **marks.xls** contains the following final grades for a class of 25 students, including the student number and sex of each student.
   1. Use the AVERAGE and STDEV built-in functions to find the class average and standard deviation.
   2. Use an IF function to create a column with only the grades for the Male students who have a grade of 80 or better entered; for the female students, enter a blank. (Remember, use double quote marks to check if a cell contains a label, like “M”, and note that you can specify that a blank label is to be entered by two double quote marks with nothing in between, like this “”.)
   3. Create a student lookup cell, so that you can enter the student number in a particular cell, and automatically find the student’s grade in an adjacent cell, using the VLOOKUP function. Your spreadsheet should look like this (where an example has been entered for clarity):

