

Format for Loop Problems**Explanation of Pseudocode**

START	Always first line of pseudocode
OPEN INPUT FILENAME.DAT	Opens the input file
OUTPUT FILENAME.RPT	Opens the output file
INITIALIZE VARIABLES	Set calculated fields to 0—set an initial value
PRINT "TITLE OF REPORT"	Print Page Heading for Report
PRINT "COLUMN HEADINGS"	Print Column Headings for Report
READ FIELD NAMES FROM FILE	Prime Read—forces first record to be read BEFORE the loop begins
DO WHILE DUMMY.VALUE \diamond "EOF"	First line of loop—check to see if we are at the end of the file
ANY PROCESSING (CALCULATIONS?)	Processing required for first record—any calculations?
PRINT FIELDS TO BE PRINTED	Print your answers for record that was just processed
READ FIELD NAMES FROM FILE	Read in the next record for processing
END WHILE	End of Loop—directs computer to go to beginning of the loop
PRINT ANY ENDING MESSAGE IF REQUIRED	After the loop ends—print any ending messages
PRINT TOTALS IF REQUIRED	Print any totals if necessary
CLOSE FILENAME.DAT	Close input file
FILENAME.RPT	Close output file
STOP	Signals computer to stop running your program