PSEUDO CODE FOR STUDENT GRADING SYSTEM

```
BEGIN GradingSystem
    PRINT "Welcome to the Student Grading System"
    WHILE TRUE
        TRY
            // Input student data
            PRINT "Enter the number of subjects for the student:"
            INPUT numSubjects
            IF numSubjects <= 0 THEN
                THROW "Invalid number of subjects"
            SET totalGrades = 0
            // Collect grades for all subjects
            FOR i = 1 TO numSubjects
                PRINT "Enter grade for subject ", i,":"
                INPUT grade
                If grade < 0 OR grade > 100 THEN
                    THROW  "Grade must be between 0 and 100"
                END IF
                totalGrades = totalGrades + grade
            END FOR
            // Calculate average grade
            averageGrade = totalGrades / numSubjects
```

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    // Determine grade letter
    IF averageGrade >= 90 THEN
        gradeLetter = "A"
    ELSE IF averageGrade >= 80 THEN
        gradeLetter = "B"
    ELSE IF averageGrade >= 70 THEN
        gradeLetter = "C"
    ELSE IF averageGrade >= 60 THEN
        gradeLetter = "D"
    ELSE
        gradeLetter = "F"
    END IF
    PRINT "Average Grade: ", averageGrade // Displaying results
    PRINT "Grade Letter: ", gradeLetter
CATCH EXCEPTION AS ERROR
    PRINT "Error: ", Error
    PRINT "Please re-enter the data."
END TRY
// Ask if the user wants to process another student
PRINT "Do you want to enter another student's grades? (yes/no):"
INPUT userResponse
IF userResponse = "no" THEN
    BREAK
```

```
        END IF
    END LOOP
    PRINT "Thank you for using the Student Grading System..!!!"
END GradingSystem
```