FLOWCHART START INITIALIZATION 'I' NO **CALCULATION 'C'** IS EOF="Y"? **YES TERMINATION 'T' STOP** R ΑT THE EOF = "N" **READ ONE RECORD END READ-1-RECORD 'R' EOF** = "Y" RETURN **RETURN** C **READ GRADE** LIMIT = gINITIALIZE grade = 1 NO. OF NO STUDENTS grade > g grade = grade + 1 'S' YES **RETURN** S **READ STUDENT** LIMIT = sSET student = 1 **OPERATION** NO student = student + 1 student > s'0' YES **RETURN** AVERAGE 'A' DISPLAY 'D' **READ-1-RECORD 'R'** RETURN Α INITIALIZE PASS = 0, FAIL = 0, PP = 0, TOTAL = 0READ NO. OF SUBJECTS = n READ MARKS AS M1, M2, M3,...., Mn SUM = M1 + M2 + M3 + ... + MnAVERAGE = SUM / n NO YES IF AVERAGE > CRITERIA FAIL = FAIL + 1PASS = PASS + 1TOTAL = TOTAL + 1TOTAL = TOTAL + 1PP = (PASS / s) * 100 RETURN D SET grade = 1 YES NO **grade = 12** PRINT COLUMN 1 n **PRINT ALL PRINT COLUMN 2 PASS PRINT SUM OF PASS** PRINT SUM OF FAIL **PRINT COLUMN 3 FAIL** PRINT (SUM OF PASS / TOTAL) * 100 PRINT COLUMN 4 PP RETURN grade = grade + 1 T **ARE ALL** NO **CALCULATIONS CALCULATION 'C'** DONE? YES **RETURN**