## **FLOWCHART START INITIALIZATION 'I'** NO IS CONTINUE="NO"? **CALCULATION 'C' YES TERMINATION 'T' STOP** CONTINUE="YES" MARK1 = 0MARK2 = 0MARK3 = 0MARK4 = 0SUM = 0AVERAGE = 0 **GRADEARRAY PASSARRAY FAILARRAY TOTALARRAY PASSPERCENTARRAY** GRADECOUNT = 0COUNT = 0POS = 0**RETURN** C **INPUT** NO CHECK 'Z' IS CONTINUE="NO"? **RECORD YES** PRINT 'P' LAST RECORD 'L' **RETURN** Ν **COUNT FROM USER OPTION STUDENT** NO CHECK 'Z' IS CONTINUE="NO"? **RECORD** 'S' YES **RETURN** S **ADD 1 TO POS** GET MARK1, MARK2, MARK3, MARK4 **RETURN** Ρ SUM=MARK1+MARK2+MARK3+MARK4 **AVERAGE=SUM/4** IS AVERAGE >= 60? **ADD +1 TO VALUE AT** ADD +1 TO VALUE AT **COUNT IN PASSARRAY COUNT IN FAILARRAY AND TOTALARRAY** AND TOTALARRAY PASS/TOTAL= **PASSPERCENT PUT PASSPERCENT AT COUNT IN PASSPERCENT ARRAY PRINT ARRAY ELEMENTS AT COUNT RETURN** T PRINT SUM OF ARRAY ELEMENTS OF PASSARRAY, FAILARRAY, TOTALARRAY AND **PASSPERCENT RETURN** Z DO YOU WANT TO CONTINUE ?(YES/NO) **RETURN** L IS POS = COUNT? CONTINUE = "NO" NO **RETURN**

