

PROBLEM #3:

Complete the following **FORTRAN 90** program which reads the number of students in a course and each student score then computes and writes the overall percentage passing.

(Hint: missing parts are shown in dot line).

Program Pass_percent

Implicit None

Real :: Score

Integer :: N_student, N_pass, I

Read *,

N_Pass = 0

Do I = 1,

 Read Score

 If (Score >= 60.0) then

 N_Pass = N_pass +

.....

Percent = 100.0 * N_pass / N_student

Print *,

Stop

End Program

PROBLEM #4:

Using IF-ELSE construct and Do loop, write a **FORTRAN 90** computer program to reflect the program whose flow chart is shown below. The computer program calculates the total air ticket cost for a family based on age.

The following variable names may be useful;

NFM = Number of family members

AGE = Age of the family member

FARE = Air ticket fare

ATF= Adult ticket fare

TC = total ticket cost for the family