Thuật toán xếp hạng sinh viên

Pseudo-code

BEGIN

INPUT Student Score S range (0;100)

IF S>100 OR S<0 THEN DISPLAY “ input again S range (0;100)”

IF S<=100 AND S>=75 THEN DISPLAY “ A GRADE”

IF S<75 AND S>=60 THEN DISPLAY “ B GRADE”

IF S<60 AND S>=45 THEN DISPLAY “ C GRADE”

IF S<45 AND S>=35 THEN DISPLAY “ D GRADE”

ELSE THEN DISPLAY “ E GRADE”

END IF

END IF

END IF

END IF

END IF

END IF

END

Flowchart

YES

NO

NO

NO

NO

YES

DISPLAY “ A GRADE”

DISPLAY “ A GRADE”

DISPLAY “ A GRADE”

DISPLAY “ A GRADE”

DISPLAY “ A GRADE”

DISPLAY “ input again S range (0;100)”

S>100 OR S <0

Input S

S<=100 AND S>=75

S<75 AND S>=60

S<60 AND S>=45

S<45 AND S>=35

YES

YES

YES