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define marks as integer
define total as integer
define avg as integer
assign total=0
define subjects as integer
define students as integer
define grade as array of character
read subjects
read students

for i=0 to students-1
    for i=0 to subjects-1
        read marks
        if marks<0 or marks>100
            print "enter valid marks"
            i=i-1
            continue
        total=total+marks
    avg=total/subjects
    if avg>=90
        add 'A' to grade
    else if avg>=80 and avg<90
        add 'B' to grade
    else if avg>=70 and avg<80
        add 'C' to grade
    else if avg>=60 and avg<70
        add 'D' to grade
    else if avg>=50 and avg<60
        add 'E' to grade
```

else

add 'F' to grade