**Pseudo code for grade calculator**

Step1: start

Step2:utest=15,uquiz=5,uproject=20,uassignment=10,ufinal exam=50,lowerlimit=0

Step3:read test,quiz,project,assignment,final exam

Step4:if test<lower limit||test >upper limit then, the mark is out of range

Step5:if project<lower limit||test >upper limit then, the mark is out of range

Step6:if quiz<lower limit||test >upper limit then, the mark is out of range

Step7:if assignment<lower limit||test >upper limit then, the mark is out of range

Step8:if final exam<lower limit||test >upper limit then, the mark is out of range

Step9:total mark=quiz+project+assignment+test+final exam

Step10:if total mark>=90 then,your grade is A+

Else If total mark<=90&&total mark>=80 then, your grade is A

Else If total mark>=75&&total mark<80 then, your grade is B+

Else If total mark>=60&&total mark<75 then, your grade is B

Else If total mark>=55&&total mark<60 then, your grade is C+

Else If total mark>=45&&total mark<55 then, your grade is C

Else If total mark>=30&&total mark<45 then, your grade is D

Else your grade is F

Step11:print total mark

Step12:stop