

Problem Analysis

Input:

- Read Mark of test(15%) ,quiz (5%),project (20%), assignment (10%), final(50%)
- Read test, quiz, project, assignment and final exam marks from user

Process:

- Calculate total= test + quiz+ project+ assignment +final
- Assign grade characters for certain grade values

Output:

- Print letter grade corresponding to calculated total mark

Pseudocode

Step 1 :Start

Step 1 :Accept test, quiz, project, assignment and final exam marks from user

Step 1 :Calculate total mark = test + quiz + project + assignment + final exam

Step 1 :Validate total mark between 0 and 100

Use Nested if statement to determine letter grade based on total mark

Step 1 :Print "Your grade is: " + letter-grade

Step 1 :Stop

Flow chart

Grade Calculator

