Begin

Display "Select a number from the menu"

Display "Menu 1 - Add Information"

Display " Menu 2 - View All Data Entered"

Display " Menu 3 - View Summary"

Display " Menu 4 - Exit"

Get choice

If choice is 1 then

Begin

Get firstname

Get lastname

Get test1

Get test2

Get test3

Get project1

Get exam1

Add test1 test2 and test3

Set sum to course average

Set course weight to course average multiply by 0.4

Set exam weight to exam multipy by 0.6

Set final score to course weight plus exam weight

If finalscore is greater than 80

Then set grade to A

If finalscore is greater than 60 and less than 79

Then set grade to B

If finalscore is greater than 50 and less than 59

Then set grade to C

If finalscore is greater than 40 and less than 49

Then set grade to D

If finalscore is less than 40

Then set grade to E

End

If choice is 2 then

Begin

Display for each student entered, Firstname, Lastname, course weight, exam weight, final grade, letter grade

End

If choice is 3 then

Begin

Display total amount of each letter grade

Display total amount of students having a passing final grade

Display total amount of student having a failing final grade

End

If choice is 4 then

Begin

Exit Program

End

End