

Grade Calculator

1). Include a core I/O functionality module. Also add the shared reference to a global buffer of an input data.

2). Take input form the user for the below 6 fields:

- User Name
- Scores of 2 quizzes (Quiz 1 and Quiz 2)
- Scores of 2 assignments (Assignment 1, Assignment 2, and Assignment 3)

3). Marks entered by the user should be in below range otherwise show an error message "Please Enter number in range." Also, make sure input should be in numbers, else show an error message "Program only processes numbers."

- Quizzes are for 100 marks and weighted equally
- Assignment 1 is for 200 marks
- Assignment 2 is for 100 marks
- Assignment 3 is for 50 marks.

4). Quizzes are worth 30% of the total, Assignment 1 is worth 25%, Assignment 2 is worth 25% and Assignment 3 is worth 20%.

5). Calculate the final score based on the above weightage.

6). Display the final grade based on the following.

	Grade	Score
-	A	93 – 100
-	B	85 – 92.99
-	C	75 – 84.99
-	D	65 – 74.99
-	E	60 – 64.99
-	F	< 60

7). After the validation is successful, display score in this format “Your Name is <User name>, your final score is: <score>, and your final grade is <Grade>.”