

Main()		
Input	Process	Output
None	#calling a funtion returning multiple values	None
	score1, score2, score3, score4, score5 = enter_score()	
	#calling a funtion by passing one arguments and retrun one value	
	average_score = calc_average(score1, score2, score3, score4, score5)	
	#calling a funtion by passing multiple arguments and retrun one value	
	score = determine_grade(score)	
	#calling a funtion by passing multiple arguments and retrun one value	
	avglgrade = determine_avglgrade(average_score)	
	## display output print("\nScore\t\tNumeric Grade\t\tLetter Grade') print('-----') print('score1:', '\t\t', score1, '\t\t', '\t\t', determine_grade(score1)) print('score2:', '\t\t', score2, '\t\t', '\t\t', determine_grade(score2)) print('score3:', '\t\t', score3, '\t\t', '\t\t', determine_grade(score3)) print('score4:', '\t\t', score4, '\t\t', '\t\t', determine_grade(score4)) print('score5:', '\t\t', score5, '\t\t', '\t\t', determine_grade(score5)) print('-----') print('average score:', average_score, '\t\t\t\t', avglgrade)	

enter_score()		
Input	Process	Output
None	#User is entering 5 scores score1 = float(input('Enter score 1: ')) score2 = float(input('Enter score 2: ')) score3 = float(input('Enter score 3: ')) score4 = float(input('Enter score 4: ')) score5 = float(input('Enter score 5: ')) return score1, score2, score3, score4, score5	score1, score2, score3, score4, score5

determiner_grade()		
Input	Process	Output
score1, score2, score3, score4, score5	if score >= 90 and score <= 100: return 'A' ## determine if the score is between 80-89 elif score >= 80 and score <= 89: return 'B' ## determine if the score is between 70 and 79 elif score >= 70 and score <= 79: return 'C' ## determine if the score is between 60-69 elif score >= 60 and score <= 69: return 'D'	Letter Grades for various scores

	<pre> return 'D' ## determine if the score is below 60 else: return 'F' </pre>	
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calc_average()		
Input	Process	Output
score1, score2, score3, score4, score5	<pre> # Calculating average average_score = (score1 + score2 + score3 + score4 + score5)/5 return average_score </pre>	average_s core

determine_avglgrade()		
Input	Process	Output
average_s core	<pre> if average_score &gt;= 90 and average_score &lt;= 100: return 'A' ## determine if the average_score is between 80-89 elif average_score &gt;= 80 and average_score &lt;= 89: return 'B' ## determine if the average_score is between 70 and 79 elif average_score &gt;= 70 and average_score &lt;= 79: return 'C' ## determine if the average_score is between 60-69 elif average_score &gt;= 60 and average_score &lt;= 69: return 'D' ## determine if the average_score is below 60 else: return 'F' </pre>	Letter grade for average score