Assignment #6d PROG6d.BAS

Multiple Dimensional Arrays.

Input:

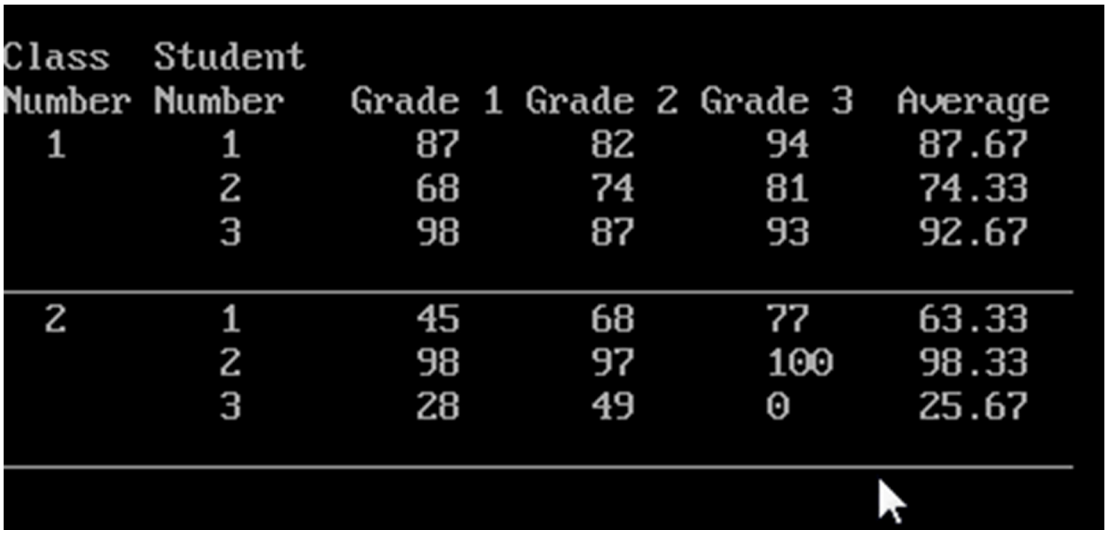
a) Ask the user to enter three grades each for Student Numbers 1, 2, and 3 in Class #1, and three grades each for Student Numbers 1, 2, and 3 in Class #2. Your input requests should be clear to the user:
   - Which grade they need to enter (1, 2, or 3)
   - For which student (1, 2, or 3)
   - In which class (1 or 2)

Processing Requirements:

a) You will need to create an 18 element (3 x 3 x 2) three dimensional integer array to retain all grades the user entered (n.b. because this is an integer array only whole numbers can be stored in it).
b) Not only will you need to declare the above mentioned integer array but, other appropriate variables will be required in order to complete this project.
c) In addition to outputting each student's grades you will need to calculate and output the average grade for each student.

Output:

Your output should include headings for Class Number, Student Number, Grade 1, Grade 2, Grade 3, and Average. You will need to output the grades and grade average, student by student and class by class, similar to the following:



Class Number	Student Number	Grade 1	Grade 2	Grade 3	Average
1	1	87	82	94	87.67
	2	68	74	81	74.33
	3	98	87	93	92.67
2	1	45	68	77	63.33
	2	98	97	100	98.33
	3	28	49	0	25.67