Structure related problems (Total # questions)

No.	Problem statemen	t		Difficulty level
1	Declare a structure of students with three metring and id are strings, and cgpa is a float week.	nember variables (name, id and cgpa), where i	name is a	*
2	Declare a structure of students with three m string and id are strings, and cgpa is a float w	nember variables (name, id and cgpa), where in a value with default value s.	name is a	*
3	Given a structure student , which has three m of structure student .	nember variables (name, id and cgpa), declare	a variable	*
4	Given a structure student , which has three m of structure student . Display the value of th	nember variables (name, id and cgpa), declare a e member variables.	a variable	*
5	Given a structure student , which has three m of structure student . Assign values to the m	nember variables (name, id and cgpa), declare a	a variable	*
6	Given a structure student , which has three m of structure student . Populate the member	nember variables (name, id and cgpa), declare a variables from the keyboard.	a variable	*
7	Declare a structure of students with three vertical students as input and show the output.	variables (name, id and cgpa). Take information	on of two	*
	Sample Input	Sample Output		
	Shakib Al Hasan	Shakib Al Hasan		
	101	101		
	3.5	3.5		
	Tamim Iqbal	Tamim Iqbal		
	102	102		
	2.7	2.7		

Sample Input	Sample Output		
Sample input	Sample Output		
Shakib Al Hasan	Shakib Al Hasan		
101	101		
3.5	3.5		
Tamim Iqbal			
102			
2.7			
Sample Input	Sample Output		
Sample Input	Sample Output		
Shakib Al Hasan	Shakib Al Hasan		
	101		
101	1 101		
101 3.5	3.5		
3.5			
3.5 Tamim Iqbal			
3.5 Tamim Iqbal 102			
3.5 Tamim Iqbal 102			
3.5 Tamim Iqbal 102 2.7 You have to declare a s	3.5 tructure named triangle. triangle		*
3.5 Tamim Iqbal 102 2.7 You have to declare a s members of this struction	tructure named triangle. trianglure. Now you will have to take in	e_id, base and height are the nput of three triangles and find out	*
3.5 Tamim Iqbal 102 2.7 You have to declare a s	tructure named triangle. trianglure. Now you will have to take in e.		*

Sample Input	Sample Output	
1	Area of 1 = 20	
5	Area of 2 = 12	
8	Area of 3 = 6	
2		
4		
6		
3		
3		
4		

You have to declare a structure named triangle. triangle_id, base and height are the members of this structure. Now you will have to take input of three triangles and find out which triangle has the maximum area using a function.

[Triangle Area = (base*height)/2]

Sample Input	Sample Output
1	Area of 1 = 20
5	
8	
2	
4	
6	
3	
3	
4	

- The Tigers have clinched a stunning victory over their rivals recently. In that series of three matches, some players put up some amazing performances. Now you have to create a structure named player where you have to store the following information of each player:
- **

- 1. Player's name
- 2. Player's country
- 3. Array(size 3) to store runs of 3 matches
- 4. Array(size 3) to store wickets of 3 matches
- 5. Array(size 3) to store points of 3 matches

Count points using the following formula:

- 1. Each wicket = 12 points
- 2. Runs <=25 in a match = 5 points
- 3. 25< Runs<=50 in a match = 10 points
- 4. 50< Runs<=75 in a match = 15 points
- 5. 75< Runs in a match = 20 points

Now, take input of two players and calculate the points for each player for all the three matches.

Sample Input	Sample Output

Shakib Al Hasan	Match 1:	
Bangladesh	Shakib Al Hasan points: 17	
20	Tamim Iqbal points: 20	
75	Match 2:	
103	Shakib Al Hasan points: 27	
1	Tamim Iqbal points: 20	
1	Match 3:	
5	Shakib Al Hasan points: 80	
	Tamim lqbal points: 5	
Tamim Iqbal		
Bangladesh		
100		
109		
17		
0		
0		
0		

The Tigers have clinched a stunning victory over their rivals recently. In that series of three matches, some players put up some amazing performances. Now you have to create a structure named player where you have to store the following information of each player:

- 1. Player's name
- 2. Player's country
- 3. Array(size 3) to store runs of 3 matches
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Now, take input of two players and calculate the points for each player for all the three matches. And also find man of the match(MOM) for each match based on their points and find out the man of the series on more points overall.

Sample Input	Sample Output

hakib Al Hasan	Match 1:	
Bangladesh	Shakib Al Hasan points: 17	
	Tamim Iqbal points: 20	
20	MOM : Tamim Iqbal	
75	Match 2:	
103	Shakib Al Hasan points: 27	
1	Tamim Iqbal points: 20	
1	MOM : Shakib Al Hasan	
1		
5	Match 3:	
	Shakib Al Hasan points: 80	
	Tamim Iqbal points: 5	
Tamim Iqbal	MOM : Shakib Al Hasan	
Bangladesh		
100	Man of the Series: Shakib Al Hasan	
109		
17		
0		
0		
0		
0		