

1.

Walden Pond	June 13, 1997
[60 72 65]	$\begin{bmatrix} 55 & 57 & 56 \\ 54 & 56 & 55 \\ 52 & 55 & 53 \end{bmatrix}$

2.

a.

a =

85	80	92	78
80	85	90	88
88	82	90	80

b.

b =

84
86.4
85

c.

name	scores	avg
'Banny'	[85,80,92,78]	84
'Joey'	[80,85,90,88]	86.4000
'Betty'	[88,82,90,80]	85

3.

student				
1x2 struct with 4 fields				
Fields	Name	SSN	Email	Tests
1	"John Smith"	"392-77-1..."	"smithj@m..."	[67,75,84]
2	"Mary Jone..."	"431-56-9..."	"jonesm@..."	[84,78,93]

4.

bridge				
1x5 struct with 4 fields				
Fields	Location	Max_load	Year_built	Due_for_maintenance
1	"Smith St."	80	1928	2011
2	"Hope Ave."	90	1950	2013
3	"Clark St."	85	1933	2018
4	"North Rd."	100	1960	2012
5	"Shore Rd."	85	1997	2014

5.

(1)




a 'Toni Miller'

(2)



```
      Ed Plum   83   B+
      Toni Miller 91   A-
      Jerry Garcia 70   C
```

(3)

Ex. Jerry Garcia's score = 50

 name	 score	 grade
'Ed Plum'	83	'B+'
'Toni Miller'	91	'A-'
'Jerry Garcia'	50	'C'

(4)

 name	 score
'Ed Plum'	83
'Toni Miller'	91
'Jerry Garcia'	50

(5)

```
val(:, :, 1) =
    {'Ed Plum'}
    {[      83]}
val(:, :, 2) =
    {'Toni Miller'}
    {[      91]}
val(:, :, 3) =
    {'Jerry Garcia'}
    {[      50]}
```

6.

[illegible]