January	10	July	15
February	9	August	9
March	6	September	7
April	3	October	4
May	12	November	5
June	13	December	8

Find the following statistics and draw a box plot in the provided space.

a. Minimum: <u>3</u> b. Q1: <u>5.</u>	5 c. Median: <u>8, 5</u>	
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f. Range: 15-3=12

g. IQR: 1-8.5=2,5

h. Boxplot:



4. A group of seven students from Mr. Denison's 1st block class was randomly selected and asked to indicate the number of study hours each put in before taking a major exam. The data are as follows:

Mean 2,71 Median\_3\_ Mode 3, 1

Student	Hours of Study
1	4
2	3
3	3
4	5
5	1
6	1
7	2

Range 5 - 1 = 4

5. A group of seven students from Mr. H's 3 <sup>rd</sup>
block class was randomly selected and asked
to indicate the number of study hours each
put in before taking a major exam. The data
are as follows:

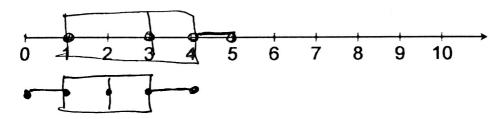
Mean 2

Median_	2
Mode 1	3
Range _	1-0=4

Student	Hours of
	Study
1	2
2	0
3	1
4	3
5	1
6	3
7	4

med max min 3 5 প

6. Make a comparative box and whisker plot for the 2 classes.



7. According to the box and whisker plot comparison, which class studies harder?

Mr. Denison

8. Find the standard deviation of the both classes.

Test scores for Denison	$x-\overline{x}$	$\left(x-\overline{x}\right)^2$
4		
3		
3		
5		
1		(1)
2	·	
Standar	d Deviation:	1.50

Test scores for Hybart	$x-\overline{x}$	$\left(x-\overline{x}\right)^2$
2		
0		
1		
3		
3		
4		
Standard	d Deviation:	1.41

9. According to the box and whisker plot comparison, which class studies harder?