

NUMPY MINI PROJECT 1

- 1 Inject data into array, find mean, median, IQR for Sachin, Rahul and India
- 2 Find the histogram of sachin's Scores with 10 bins
- 3 Find mean of sachin's scores grouped by 25 matches
- 4 Find mean of sachin's scores where he has scored a century
- 5 Find mean of sachin's scores when Rahul has scored less than 10
- 6 Find mean of sachin's scores based on which quartile India's score falls in
- 7 For every match find out who has scored more Sachin or Rahul
- 8 How many more runs does sachin score on an average after scoring X runs
- 9 How many matches did sachin take to score first 1000 runs and then next 1000



```
1 !head cric_data.tsv
```

	Sachin Tendulkar			Rahul Dravid	India
0	100	78	342		
1	11	62	191		
2	8	85	252		
3	71	24	307		
4	104	17	229		
5	18	104	246		
6	8	76	226		
7	86	74	288		
8	12	60	216		

```
1 cric_data = np.loadtxt("cric_data.tsv",skiprows=1)
```

```
1 cric_data
```

```
[167., 31., 54., 314.],
[168., 2., 52., 419.],
[169., 44., 9., 229.],
[170., 47., 0., 133.],
[171., 6., 18., 228.],
[172., 17., 3., 143.],
[173., 35., 4., 116.],
[174., 88., 6., 194.],
[175., 114., 16., 249.],
[176., 7., 71., 319.],
[177., 127., 64., 205.],
[178., 0., 7., 191.],
[179., 45., 61., 213.],
[180., 33., 1., 104.],
[181., 110., 7., 210.],
[182., 146., 0., 392.]
```

```
[182., 140., 0., 332.],
[183., 7., 0., 57.],
[184., 25., 26., 213.],
[185., 9., 19., 158.],
[186., 2., 63., 163.],
[187., 11., 3., 166.],
[188., 17., 46., 164.],
[189., 14., 31., 238.],
[190., 1., 12., 118.],
[191., 45., 49., 189.],
[192., 94., 4., 346.],
[193., 28., 99., 390.],
[194., 4., 47., 319.],
[195., 62., 56., 276.],
[196., 1., 73., 324.],
[197., 9., 74., 213.],
[198., 67., 31., 207.],
[199., 10., 29., 158.],
[200., 99., 92., 304.],
[201., 55., 1., 199.],
[202., 0., 0., 0.],
[203., 1., 30., 195.],
[204., 101., 16., 207.],
[205., 2., 145., 352.],
[206., 1., 22., 225.],
[207., 16., 31., 236.],
[208., 140., 104., 301.],
[209., 23., 20., 136.],
[210., 113., 13., 327.],
[211., 10., 52., 296.],
[212., 1., 31., 176.],
[213., 41., 12., 201.],
[214., 1., 50., 171.],
[215., 28., 3., 191.],
[216., 2., 9., 11.],
[217., 22., 53., 211.],
[218., 29., 49., 225.],
[219., 1., 21., 290.],
[220., 25., 14., 101.],
[221., 102., 50., 470.],
[222., 0., 22., 165.],
[223., 27., 0., 192.],
[224., 40., 0., 213.]])
```

```
1 #typecasting float to integer array
2 cric_data = cric_data.astype(dtype=int)
3 cric_data
```

```
[167, 31, 54, 314],
[168, 2, 52, 419],
[169, 44, 9, 229],
[170, 47, 0, 133],
[171, 6, 18, 228],
[172, 17, 3, 143],
[173, 35, 4, 116],
[174, 88, 6, 194],
[175, 114, 16, 249],
[176, 7, 71, 319],
[177, 127, 64, 205],
[178, 0, 7, 191],
```

```
[179, 45, 61, 213],
[180, 33, 1, 104],
[181, 110, 7, 210],
[182, 146, 0, 392],
[183, 7, 0, 57],
[184, 25, 26, 213],
[185, 9, 19, 158],
[186, 2, 63, 163],
[187, 11, 3, 166],
[188, 17, 46, 164],
[189, 14, 31, 238],
[190, 1, 12, 118],

[191, 45, 49, 189],
[192, 94, 4, 346],
[193, 28, 99, 390],
[194, 4, 47, 319],
[195, 62, 56, 276],
[196, 1, 73, 324],
[197, 9, 74, 213],
[198, 67, 31, 207],
[199, 10, 29, 158],
[200, 99, 92, 304],
[201, 55, 1, 199],
[202, 0, 0, 0],
[203, 1, 30, 195],
[204, 101, 16, 207],
[205, 2, 145, 352],
[206, 1, 22, 225],
[207, 16, 31, 236],
[208, 140, 104, 301],
[209, 23, 20, 136],
[210, 113, 13, 327],
[211, 10, 52, 296],
[212, 1, 31, 176],
[213, 41, 12, 201],
[214, 1, 50, 171],
[215, 28, 3, 191],
[216, 2, 9, 11],
[217, 22, 53, 211],
[218, 29, 49, 225],
[219, 1, 21, 290],
[220, 25, 14, 101],
[221, 102, 50, 470],
[222, 0, 22, 165],
[223, 27, 0, 192],
[224, 40, 0, 213]])
```

```
1 #converting into numpy array
2 cric_data = np.array(cric_data)
3 cric_data
```

```
array([[ 0, 100, 78, 342],
       [ 1, 11, 62, 191],
       [ 2, 8, 85, 252],
       [ 3, 71, 24, 307],
       [ 4, 104, 17, 229],
       [ 5, 18, 104, 246],
       [ 6, 8, 76, 226],
```



```
[ 7, 86, 74, 288],
[ 8, 12, 60, 216],
[ 9, 85, 12, 224],
[10, 18, 63, 161],
[11, 4, 107, 276],
[12, 7, 76, 283],
[13, 37, 4, 297],
[14, 14, 5, 139],
[15, 0, 33, 224],
[16, 4, 7, 178],
[17, 0, 0, 0],
[18, 21, 36, 193],
[19, 1, 66, 231],
[20, 62, 0, 134],
[21, 0, 123, 246],
[22, 138, 39, 299],
[23, 38, 9, 242],
[24, 2, 11, 214],
[25, 46, 14, 152],
[26, 65, 0, 104],
[27, 0, 0, 4],
[28, 39, 26, 155],
[29, 48, 4, 168],
[30, 141, 48, 282],
[31, 62, 7, 228],
[32, 12, 73, 231],
[33, 1, 86, 238],
[34, 41, 32, 255],
[35, 11, 82, 273],
[36, 3, 25, 143],
[37, 186, 153, 345],
[38, 11, 26, 134],
[39, 27, 1, 292],
[40, 27, 6, 299],
[41, 51, 3, 233],
[42, 18, 1, 332],
[43, 32, 39, 276],
[44, 146, 30, 264],
[45, 5, 32, 213],
[46, 45, 84, 224],
[47, 141, 36, 306],
[48, 12, 31, 259],
[49, 65, 0, 141],
[50, 27, 47, 155],
[51, 7, 13, 183],
[52, 16, 49, 309],
[53, 2, 28, 208],
[54, 28, 0, 124],
[55, 6, 28, 208],
[56, 123, 19, 305],
[57, 122, 12, 272]
```



1 Inject data into array, find mean, median, IQR for Sachin, Rahul and **India**

```
1 arSch = np.array(cric_data[:,1])
2 arSch
```

```
array([100, 11, 8, 71, 104, 18, 8, 86, 12, 85, 18, 4, 7,
       37, 14, 0, 4, 0, 21, 1, 62, 0, 138, 38, 2, 46,
```

```

65, 0, 39, 48, 141, 62, 12, 1, 41, 11, 3, 186, 11,
27, 27, 51, 18, 32, 146, 5, 45, 141, 12, 65, 27, 7,
16, 2, 28, 6, 123, 120, 7, 3, 0, 81, 2, 54, 122,
4, 14, 0, 100, 15, 0, 57, 99, 37, 38, 32, 21, 32,
40, 0, 5, 8, 5, 0, 50, 30, 37, 89, 4, 98, 83,
93, 0, 52, 152, 1, 8, 93, 45, 26, 0, 1, 0, 16,
47, 89, 3, 1, 53, 16, 0, 81, 14, 78, 6, 105, 122,
9, 8, 28, 35, 69, 13, 97, 93, 2, 36, 39, 2, 29,
12, 19, 34, 2, 100, 44, 82, 0, 79, 6, 9, 8, 23,
93, 35, 63, 74, 8, 117, 39, 49, 64, 43, 72, 5, 17,
0, 65, 20, 141, 28, 44, 27, 60, 68, 3, 139, 31, 2,
44, 47, 6, 17, 35, 88, 114, 7, 127, 0, 45, 33, 110,
146, 7, 25, 9, 2, 11, 17, 14, 1, 45, 94, 28, 4,
62, 1, 9, 67, 10, 99, 55, 0, 1, 101, 2, 1, 16,
140, 23, 113, 10, 1, 41, 1, 28, 2, 22, 29, 1, 25,
102, 0, 27, 40])

```



```

1 arRah = np.array(cric_data[:,2])
2 arRah

```

```

array([ 78, 62, 85, 24, 17, 104, 76, 74, 60, 12, 63, 107, 76,
        4, 5, 33, 7, 0, 36, 66, 0, 123, 39, 9, 11, 14,
        0, 0, 26, 4, 48, 7, 73, 86, 32, 82, 25, 153, 26,
        1, 6, 3, 1, 39, 30, 32, 84, 36, 31, 0, 47, 13,
       49, 28, 0, 28, 19, 13, 14, 11, 103, 43, 5, 5, 15,
        0, 5, 30, 4, 53, 60, 7, 74, 71, 54, 13, 69, 33,
       29, 2, 8, 36, 51, 8, 62, 0, 22, 39, 104, 44, 1,
        2, 0, 17, 0, 14, 62, 15, 68, 17, 0, 22, 25, 29,
       60, 34, 65, 3, 7, 16, 0, 4, 53, 5, 23, 82, 3,
        0, 20, 21, 80, 22, 8, 18, 24, 50, 1, 42, 61, 0,
        6, 64, 9, 46, 0, 0, 0, 0, 13, 0, 72, 12, 38,
       79, 18, 16, 16, 56, 21, 58, 8, 0, 0, 7, 13, 77,
       29, 20, 90, 26, 54, 17, 78, 57, 59, 10, 15, 54, 52,
        9, 0, 18, 3, 4, 6, 16, 71, 64, 7, 61, 1, 7,
        0, 0, 26, 19, 63, 3, 46, 31, 12, 49, 4, 99, 47,
       56, 73, 74, 31, 29, 92, 1, 0, 30, 16, 145, 22, 31,
      104, 20, 13, 52, 31, 12, 50, 3, 9, 53, 49, 21, 14,
       50, 22, 0, 0])

```

```

1 arInd = np.array(cric_data[:,3])
2 arInd

```

```

array([342, 191, 252, 307, 229, 246, 226, 288, 216, 224, 161, 276, 283,
       297, 139, 224, 178, 0, 193, 231, 134, 246, 299, 242, 214, 152,
      104, 4, 155, 168, 282, 228, 231, 238, 255, 273, 143, 345, 134,
      292, 299, 233, 332, 276, 264, 213, 224, 306, 259, 141, 155, 183,
      309, 208, 124, 208, 305, 273, 186, 163, 239, 274, 182, 256, 227,
      157, 353, 271, 211, 141, 243, 499, 229, 234, 259, 242, 223, 184,
      125, 195, 154, 142, 197, 213, 256, 197, 177, 167, 366, 269, 292,
      218, 0, 199, 319, 245, 274, 208, 201, 275, 134, 68, 149, 216,
      407, 302, 197, 222, 224, 321, 0, 162, 221, 204, 213, 286, 272,
      382, 229, 175, 360, 256, 165, 335, 188, 146, 113, 241, 211, 225,
        35, 163, 200, 176, 269, 284, 175, 27, 282, 141, 229, 213, 205,
      279, 88, 284, 207, 224, 204, 280, 197, 205, 230, 323, 209, 210,
      162, 272, 251, 286, 228, 148, 272, 309, 202, 136, 281, 314, 419,
      229, 133, 228, 143, 116, 194, 249, 319, 205, 191, 213, 104, 210,
      392, 57, 213, 158, 163, 166, 164, 238, 118, 189, 346, 390, 319,
      276, 324, 213, 207, 158, 304, 199, 0, 195, 207, 352, 225, 236,

```

```
301, 136, 327, 296, 176, 201, 171, 191, 11, 211, 225, 290, 101,  
470, 165, 192, 213])
```

mean for Sachin, Rahul and **India**

```
1 SchMean = np.mean(arSch)  
2 SchMean
```

```
39.87555555555556
```

```
1 RahMean = np.mean(arRah)  
2 RahMean
```

```
32.062222222222225
```

```
1 IndMean = np.mean(arInd)  
2 IndMean
```

```
220.79555555555555
```

Median for Sachin, Rahul and **India**

```
1 SchMed = np.median(arSch)  
2 SchMed
```

```
27.0
```

```
1 RahMed = np.median(arRah)  
2 RahMed
```

```
22.0
```

```
1 IndMed = np.median(arInd)  
2 IndMed
```

```
216.0
```

IQR for Sachin, Rahul and **India**

```
1 SchIQR = np.percentile(arSch,75)-np.percentile(arSch,25)  
2 SchIQR
```

```
57.0
```

```
1 RahIQR = np.percentile(arRah,75)-np.percentile(arRah,25)  
2 RahIQR
```

46.0

```
1 IndIQR = np.percentile(arInd,75)-np.percentile(arInd,25)
2 IndIQR
```

98.0

**2 Find the histogram of sachin's Scores with 10 bins **

```
1 SchHist = np.histogram(arSch,bins=10)
2 SchHist
```

```
(array([99, 36, 28, 16, 11, 17, 8, 8, 1, 1]),
 array([ 0. , 18.6, 37.2, 55.8, 74.4, 93. , 111.6, 130.2, 148.8,
        167.4, 186. ]))
```



3 Find mean of sachin's scores grouped by 25 matches

```
1 k= 9 #225/25
2 i=0
3 j=25
4 SchM25 =[]
5 for m in range(k) :
6     Mean=np.mean(arSch[i:j])
7     SchM25.append(Mean)
8     i=i+25
9     j=j+25
10 SchM25
```

```
[33.96, 49.4, 38.48, 40.16, 39.36, 38.2, 44.6, 39.52, 35.2]
```

4 Find mean of sachin's scores where he has scored a century

```
1 arSch100 = np.array([ ele for ele in arSch if ele >=100])
2 arSch100
```

```
array([100, 104, 138, 141, 186, 146, 141, 123, 120, 122, 100, 152, 105,
       122, 100, 117, 141, 139, 114, 127, 110, 146, 101, 140, 113, 102])
```

```
1 arSch100Mean= np.mean(arSch100)
2 arSch100Mean
```

125.0

5 Find mean of sachin's scores when Rahul has scored less than 10

```
1 SchR110=[]
2 for i in range(len(arSch)) :
```

```

3         if (arKan[i]<10) :
4             x=arSch[i]
5             SchRl10.append(x)
6     arSchRl10 = np.array(SchRl10)
7     arSchRl10

```

```

array([ 37, 14,  4,  0, 62, 38, 65,  0, 48, 62, 27, 27, 51,
        18, 65, 28,  2, 54,  4, 14, 100, 57,  0,  5,  0, 30,
        83, 93,  0, 152,  0,  1, 53,  0, 81, 78, 122,  9, 13,
        36, 29, 12, 34, 100, 44, 82,  0,  6, 49, 64, 43, 72,
        44, 47, 17, 35, 88,  0, 33, 110, 146,  7, 11, 94, 55,
         0, 28,  2, 27, 40])

```

```

1 arSchRl10Mean = np.mean(arSchRl10)
2 arSchRl10Mean

```

```
40.74285714285714
```



6 Find mean of sachin's scores based on which quartile India's score falls in

```

1 IndIQR0 = np.percentile(arInd,0)
2 IndIQR0

```

```
0.0
```

```

1 IndIQR1 = np.percentile(arInd,25)
2 IndIQR1

```

```
175.0
```

```

1 IndIQR2 = np.percentile(arInd,50)
2 IndIQR2

```

```
216.0
```

```

1 IndIQR3 = np.percentile(arInd,75)
2 IndIQR3

```

```
273.0
```

```

1 IndIQR4 = np.percentile(arInd,100)
2 IndIQR4

```

```
499.0
```

```

1 arSchIQR1 = []
2 arSchIQR2 = []
3 arSchIQR3 = []
4 arSchIQR4 = []
5 for i in range(len(arSch)) :
6     if(arInd[i] > IndIQR0 and arInd[i] < IndIQR1) :

```



```

7     x= arSch[i]
8     arSchIQR1.append(x)
9     elif(arInd[i] > IndIQR1 and arInd[i] < IndIQR2) :
10    x= arSch[i]
11    arSchIQR2.append(x)
12    elif(arInd[i] > IndIQR2 and arInd[i] < IndIQR3) :
13    x= arSch[i]
14    arSchIQR3.append(x)
15    elif(arInd[i] > IndIQR3 and arInd[i] < IndIQR4) :
16    x= arSch[i]
17    arSchIQR4.append(x)
18 arSchIQR1 = np.array(arSchIQR1)
19 arSchIQR2 = np.array(arSchIQR2)
20 arSchIQR3 = np.array(arSchIQR3)
21 arSchIQR4 = np.array(arSchIQR4)
22 print(arSchIQR1)
23 print("_____")
24 print(arSchIQR2)
25 print("_____")
26 print(arSchIQR3)
27 print("_____")
28 print(arSchIQR4 )

```

```

[18 14 62 46 65  0 39 48  3 11 65 27 28  3  4 15 40  5  8 89  0  1  0 81
 13  2 36 12 19  0  6 35  0 44  3 47 17 35 33  7  9  2 11 17  1 10 23  1
  2 25  0]

```

```

[ 11  4 21  2  5  7  2  6  7  2 100 32  0  5  0 30 37 52
 93 45  3 78  6 93  2 34  2  8 23 74 117 49 64  5 17 68
 88 127  0 45 110 25 45  9 67 55  1 101  1 41 28 22 27 40]

```

```

[  8 104 18  8 85  0  1  0 38 62 12  1 41 51 146 45 12  0
 54 122  0  0 99 37 38 32 21 50 98 93  1  1 53 14 122  8
 69 39 29 100  9  8 43 65 20 28 27 44  6 114 14  1 16 29]

```

```

[100 71 86  4  7 37 138 141 186 27 27 18 32 141 16 123 81 14
  4 83 152  8 26 47 89 16 105  9 35 97 44 79 93 63 39 72
 141 60 139 31  2  7 146 94 28  4 62  1 99  2 140 113 10  1
 102]

```

```

1 SchMeanIndIQR1 = np.mean(arSchIQR1)
2 SchMeanIndIQR2 = np.mean(arSchIQR2)
3 SchMeanIndIQR3 = np.mean(arSchIQR3)
4 SchMeanIndIQR4 = np.mean(arSchIQR4)

```

```
1 SchMeanIndIQR1
```

```
21.215686274509803
```

```
1 SchMeanIndIQR2
```

```
35.851851851851855
```

```
1 SchMeanIndIQR3
```

1 SchMeanIndIQR4



10/13

```

5, 6, 6, 6, 6, 7, 7, 7, 7, 7, 8, 8, 8,
8, 8, 8, 8, 9, 9, 9, 9, 10, 10, 11, 11, 11,
11, 12, 12, 12, 12, 13, 14, 14, 14, 14, 15, 16, 16,
16, 16, 17, 17, 17, 18, 18, 18, 19, 20, 21, 21, 22,
23, 23, 25, 25, 26, 27, 27, 27, 27, 27, 28, 28, 28,
28, 28, 29, 29, 30, 31, 32, 32, 32, 33, 34, 35, 35,
35, 36, 37, 37, 37, 38, 38, 39, 39, 39, 40, 40, 41,
41, 43, 44, 44, 44, 45, 45, 45, 45, 46, 47, 47, 48,
49, 50, 51, 52, 53, 54, 55, 57, 60, 62, 62, 62, 63,
64, 65, 65, 65, 67, 68, 69, 71, 72, 74, 78, 79, 81,
81, 82, 83, 85, 86, 88, 89, 89, 93, 93, 93, 93, 94,
97, 98, 99, 99, 100, 100, 100, 101, 102, 104, 105, 110, 113,
114, 117, 120, 122, 122, 123, 127, 138, 139, 140, 141, 141, 141,
146, 146, 152, 186])

```

```

1 SchFreqCounter = np.histogram(arSchsort,bins=[0,20,40,60,80,100,120,140,160,180,200],
2 SchFreqCounter

```



```

(array([100, 40, 24, 17, 18, 11, 7, 7, 0, 1]),
 array([ 0, 20, 40, 60, 80, 100, 120, 140, 160, 180, 200]))

```

```

1 SchFreqCounterCount = SchFreqCounter.count
2 SchFreqCounterCount

```

```
<function tuple.count>
```

```

1 SchFreqCounterCount = np.array([100, 40, 24, 17, 18, 11, 7, 7, 0, 1])
2 SchFreqCounterCount

```

```
array([100, 40, 24, 17, 18, 11, 7, 7, 0, 1])
```

```
1 np.sum(SchFreqCounterCount)
```

```
225
```

```

1 SchRFraw=(SchFreqCounterCount/(np.sum(SchFreqCounterCount)))
2 SchRFraw

```

```
array([0.44444444, 0.17777778, 0.10666667, 0.07555556, 0.08,
       0.04888889, 0.03111111, 0.03111111, 0.0, 0.00444444])
```

```

1 SchRFbinend= np.array([0,20,40,60,80,100,120,140,160,180])
2 SchRFbinend

```

```
array([ 0, 20, 40, 60, 80, 100, 120, 140, 160, 180])
```

```
1 (SchRFraw*SchRFbinend)
```

```
array([0.0, 3.55555556, 4.26666667, 4.53333333, 6.4,
       4.88888889, 3.73333333, 4.35555556, 0.0, 0.8])
```

```
1 (SchRFraw*SchRFbinend)+SchRFbinend
```

```
array([ 0.          , 23.55555556, 44.26666667, 64.53333333,
       86.4         , 104.88888889, 123.73333333, 144.35555556,
       160.         , 180.8         ])
```

9 How many matches did sachin take to score first 1000 runs and then next 1000

```
1 cumsumSch = np.cumsum(arSch)
2 cumsumSch
```

```
array([ 100,  111,  119,  190,  294,  312,  320,  406,  418,  503,  521,
        525,  532,  569,  583,  583,  587,  587,  608,  609,  671,  671,
        809,  847,  849,  895,  960,  960,  999, 1047, 1188, 1250, 1262,
       1263, 1304, 1315, 1318, 1504, 1515, 1542, 1569, 1620, 1638, 1670,
       1816, 1821, 1866, 2007, 2019, 2084, 2111, 2118, 2134, 2136, 2164,
       2170, 2293, 2413, 2420, 2423, 2423, 2504, 2506, 2560, 2682, 2686,
       2700, 2700, 2800, 2815, 2815, 2872, 2971, 3008, 3046, 3078, 3099,
       3131, 3171, 3171, 3176, 3184, 3189, 3189, 3239, 3269, 3306, 3395,
       3399, 3497, 3580, 3673, 3673, 3725, 3877, 3878, 3886, 3979, 4024,
       4050, 4050, 4051, 4051, 4067, 4114, 4203, 4206, 4207, 4260, 4276,
       4276, 4357, 4371, 4449, 4455, 4560, 4682, 4691, 4699, 4727, 4762,
       4831, 4844, 4941, 5034, 5036, 5072, 5111, 5113, 5142, 5154, 5173,
       5207, 5209, 5309, 5353, 5435, 5435, 5514, 5520, 5529, 5537, 5560,
       5653, 5688, 5751, 5825, 5833, 5950, 5989, 6038, 6102, 6145, 6217,
       6222, 6239, 6239, 6304, 6324, 6465, 6493, 6537, 6564, 6624, 6692,
       6695, 6834, 6865, 6867, 6911, 6958, 6964, 6981, 7016, 7104, 7218,
       7225, 7352, 7352, 7397, 7430, 7540, 7686, 7693, 7718, 7727, 7729,
       7740, 7757, 7771, 7772, 7817, 7911, 7939, 7943, 8005, 8006, 8015,
       8082, 8092, 8191, 8246, 8246, 8247, 8348, 8350, 8351, 8367, 8507,
       8530, 8643, 8653, 8654, 8695, 8696, 8724, 8726, 8748, 8777, 8778,
       8803, 8905, 8905, 8932, 8972])
```

```
1 np.histogram(cumsumSch,bins=[0,1000,2000,3000,4000,5000,6000,7000,8000,9000])

(array([29, 18, 26, 25, 26, 26, 23, 22, 30]),
 array([ 0, 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000]))
```



✓ 0s completed at 8:14 PM

