PROBLEM SET 1 MRIDUL HARISH, CED18I034

Question 1 - Given the following setup {Class, Tally score, Frequency}, develop an application that generates the table shown; (you can populate the relevant data; minimum data size :50 records). The table is only an illustration for a data of color scores, you are free to test the application over any data set with the application generating the tally and frequency scores.

```
from random import randint
       import collections
       def generate data():
           return[randint(1,10) for i in range(randint(100,200))]
       data = generate data()
       counter = dict(sorted(collections.Counter(data).items()))
       counter
Out[]: {1: 15, 2: 9, 3: 20, 4: 18, 5: 12, 6: 17, 7: 17, 8: 13, 9: 5, 10: 14}
       print("{:<7} {:<30} {:<7}".format('Score', 'Tally', 'Frequency'))</pre>
       for key, value in counter.items():
           tally = "".join("|" if i % 5 != 4 else "\ " for i in range(value))
           print("{:<7} {:<30} {:<7}".format(key, tally, value))</pre>
             Tally
       Score
                                        Frequency
             15
       1
       2
                                        9
             1111/ 1111
                                        20
       3
             18
       4
             5
             12
             1111/ 1111/ 1111/ 11
       6
                                        17
       7
              17
             13
       8
             ++++
                                        5
       9
       10
                                        14
```

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