Scores of students in one of my recent classes:

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Scores of students in one of my recent classes: 48, 59, 63, 63, 63, 67, ... arranged in an interesting way:

Scores of students in one of my recent classes:

48, 59, 63, 63, 63, 67, ...

arranged in an interesting way:

4 | 8

5 | 9

6 | 3337

7 | 0002355

8 | 01234788

9 | 015556

10 | 0

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63 63 63 67

```
Scores of students in one of my recent classes:
48, 59, 63, 63, 63, 67, ...
arranged in an interesting way:
4 | 8
   3337
   0002355
   01234788
   015556
10 | 0
63 63 63 67
                 6 | 3337
```

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63 63 63 67 6 | 3337

Stem and leaf plot:

```
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Stem and leaf plot: John W. Tukey

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bit: binary digit (0 or 1)

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Stem and leaf plot: John W. Tukey **bit**: binary digit (0 or 1) **b**inary digit

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Nice graphical representation of the data; shows how the data are distributed.

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Nice graphical representation of the data; shows how the data are distributed.

Points in favor (pro):

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Nice graphical representation of the data; shows how the data are distributed.

Points in favor (pro):

easy to create

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Nice graphical representation of the data; shows how the data are distributed.

Points in favor (pro):

• easy to create

retains all the data

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```
Points in favor (pro):
```

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Points against (con):

2 / 2

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Nice graphical representation of the data; shows how the data are distributed.

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Points against (con):

• not so convenient for many datasets

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Nice graphical representation of the data; shows how the data are distributed.

Points in favor (pro):

- easy to create
- retains all the data

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Large datasets might need to be summarized further.