Nested Loops

The purpose of this exercise is to practice some numerical logic that needs to occur in a nested loop. This exercise contains three parts. Feel free to implement all three in the same source file.

Part 1: Write a nested loop (i.e. 2 loops, one inside the other) that has this output:

```
40   40   40   40   40   40   40
     35   35   35   35   35   35
          30   30   30   30   30
               25   25   25   25
                    20   20   20
                         15   15
                              10
```

Part 2: Write a nested loop that has this output:

```
40
35   40
30   35   40
25   30   35   40
20   25   30   35   40
15   20   25   30   35   40
10   15   20   25   30   35   40
```

Part 3: This will be a generalization of part 2. Write a triply nested loop (a nest of 3 loops) that has this output:

```
20
15  20
10  15  20

25
20  25
15  20  25
10  15  20  25

30
25  30
20  25  30
15  20  25  30
10  15  20  25  30

35
30  35
```

```
25  30  35
20  25  30  35
15  20  25  30  35
10  15  20  25  30  35


40
35  40
30  35  40
25  30  35  40
20  25  30  35  40
15  20  25  30  35  40
10  15  20  25  30  35  40
```