

While Practice

Objective

Practice using a while loop.

Instructions

You won't need to use `setUp()` and `draw()` for this lab. Use `print()` and `println()`.

1. Use a while loop to print the numbers from 1 to 25 across the screen with a space between each one.
2. Use a while loop to print the numbers from 50 to 70 across the screen with a space between each one.
3. Use a while loop to print the numbers from 0 to 100 in increments of 5 across the screen with a space between each one.
4. Use a while loop to print the numbers from 20 down to 1 across the screen with a space between each one.
5. Use a while loop to print the sums of the numbers $1 + 2 + 3 \dots + n$ until the sum is over 20,000.

Examples

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

0 1 3 6 10 15 21 28 36 45 55 66 78 91 105 120 136 153 171 190 210 231 253 276 30
0 325 351 378 406 435 465 496 528 561 595 630 666 703 741 780 820 861 903 946 99
0 1035 1081 1128 1176 1225 1275 1326 1378 1431 1485 1540 1596 1653 1711 1770 183
0 1891 1953 2016 2080 2145 2211 2278 2346 2415 2485 2556 2628 2701 2775 2850 292
6 3003 3081 3160 3240 3321 3403 3486 3570 3655 3741 3828 3916 4005 4095 4186 427
8 4371 4465 4560 4656 4753 4851 4950 5050 5151 5253 5356 5460 5565 5671 5778 588
6 5995 6105 6216 6328 6441 6555 6670 6786 6903 7021 7140 7260 7381 7503 7626 775
0 7875 8001 8128 8256 8385 8515 8646 8778 8911 9045 9180 9316 9453 9591 9730 987
0 10011 10153 10296 10440 10585 10731 10878 11026 11175 11325 11476 11628 11781
11935 12090 12246 12403 12561 12720 12880 13041 13203 13366 13530 13695 13861 14
028 14196 14365 14535 14706 14878 15051 15225 15400 15576 15753 15931 16110 1629
0 16471 16653 16836 17020 17205 17391 17578 17766 17955 18145 18336 18528 18721
18915 19110 19306 19503 19701 19900 20100
```