

PASS WEEK 4

Print this output using loops:

```
*
* *
* * *
* * * *
```

Print this output using loops and if statements:

```
* * * *
 * * *
  * *
   *
    *
```

Print this using loops and if statements:

```
*           *
 *         *
  *       *
   *     *
    *   *
     * *
      *
```

Using a for loop and range(), find the average of an unknown amount of numbers the user inputs. First ask the user to specify how many numbers they want to input, then receive those inputs using a for loop. Using another for loop, calculate the mean.

Next do the same but using a while loop. What is the difference? Discuss with the people around you.