

Drawing

A good project for a beginner to understand fundamentals of Python such as data types, simple methods, loops and conditionals is to draw things onto the terminal. Let's try to draw some triangles. For example, this *height 4* triangle below can be drawn onto the terminal using backslashes, forward slashes, and underscores:

```
  ^
 / \
/   \
/____\
```

Of course, it is easy to draw any specific triangle of this shape using **print** statements. For example, to print the above triangle, we could write:

```
print("    ^")
print("   / \")
print("  /   \")
print(" /____\")
```

What if we want to generalize this? In other words, can we make a program that **asks** the user for how tall the triangle should be, and automatically creates a triangle of that height? Design such a program.

ASCII Art

ASCII art is a graphic design technique that uses computers for presentation and consists of pictures pieced together from the 95 printable (from a total of 128) characters defined by the ASCII Standard from 1963 and ASCII compliant character sets with proprietary extended characters.

Basically, any symbols you see on your keyboard can be used.

Design any drawing of your choice using any symbols on your keyboard. [Here](#) are some examples to inspire you.