

22/9/25

olden stage which

examples for nested while loops:

① Pyramid pattern

n ≥ 5

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while i < n;

$$j = 1$$

while $j \leq n - i$:

```
print(" ", end="")
```

1 + 1

|L-1|

```
while k <= j: ⤵
```

```
print("*";end="")
```

```
print(i) i+=1
```

② mul tables:

i = 1

while i <= 2

j = 1

while j <= 3:

print(i, "*", j, "=", i * j)

j += 1

print("----")

i += 1

if i <= 6: # printing 2x1 to 2x3 in a row

1x1 = 1

1x2 = 2

1x3 = 3

2x1 = 2

2x2 = 4

2x3 = 6