

```

>>> mysum = 0
>>> for i in range(5, 17, 2)
    my sum += 1
>>> print(mysum)
    we get 5

```

Break statement:

- immediately exits whenever loop it is in
- skips remaining expression in code block
- exits only innermost loop!

```

>>> while <condition_1>:
    while <condition_2>:
        <expression_1>
        break
    <expression_2>
    <expression_3>

```

for vs while (loops):

for loop

- know # of iterations
- can end early via break
- used a counter
- can rewrite a for loop using while loop

while loops

- unbanded number of iterations
- can end early via break
- can use counter but must initialize before loop and increment it inside loop
- may not be able to rewrite a while loop using a for loop