Python Programming While Loops Practice 1

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Practice: Numbers divisible by 3

```
/home/
12
3
II = 6
9
12
```

- Read an integer X
- Print all numbers that are divisible by 3 from 1 to X.
 - These are 3, 6, 9, 12, 15, 18, (multiple of 3)
- See example for input 12
- Stop the video and think first

Practice: Power Function

```
num, pow = map(int, input().split())

pyhon_result = num ** pow

our_result = 1

while pow >= 1:
    our_result *= num
    pow -= 1

print(our_result)

assert pyhon_result == our_result, 'Hmm'
```

/home

- Read 2 integers X and Y and compute XY.
 - This means X * X * X Y times
 - \circ E.g = 2^5 = 2 * 2 * 2 * 2 * 2
- Note: Don't use X ** Y
 - Implement yours

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."