----------QUESTIONS----------

1.How many seconds are in an hour? Use the interactive interpreter as a calculator and multiply the number of seconds in a minute (60) by the number of minutes in an hour (also 60).
sol. 60
2. Assign the result from the previous task (seconds in an hour) to a variable called seconds_per_hour.
3. How many seconds do you think there are in a day? Make use of the variables seconds per hour and minutes per hour.
4. Calculate seconds per day again, but this time save the result in a variable called seconds_per_day
5. Divide seconds_per_day by seconds_per_hour. Use floating-point (/) division.
6. Divide seconds_per_day by seconds_per_hour, using integer (//) division. Did this number agree with the floating-point value from the previous question, aside from the final .0?
7. Write a generator, genPrimes, that returns the sequence of prime numbers on successive calls to its next() method: 2, 3, 5, 7, 11, ...

----------ANSWERS----------

1- 60*60
   3600

2- second_per_hour=3600

3- seconds_per_hour * 24
   86400

4- seconds_per_day= seconds_per_hour * 24
   seconds_per_day
   86400

5- seconds_per_day / seconds_per_hour
   24.0

6- seconds_per_day // seconds_per_hour
   24.0

7-
```
def genPrimes():
    primes = []
    n = 2
    last = n
    while True:
        for i in primes:
            if n % i == 0:
                n += 1
                break
        else:
            primes.append(n)
            last = n
            n += 1
            yield last
```