

Ejercicio8

March 4, 2018

```
In [76]: def generar_pin():
          a = randint(10,20)
          b = randint(10,20)
          p = next_prime(b^a)
          q = next_prime(a^b)
          n = p*q
          L = q.digits(padto = 4)
          pin = L[:4]
          return n,pin

In [78]: n,pin = generar_pin()

In [83]: factor(n)

Out[83]: 40960000000000061 * 3833759992447475122183
```