Assignment 1 - Python tutorial

June 29, 2019

0.1 Assignment 1

0.1.1 Problem

Write a function that generates a list of the prime numbers less than or equal to a given number n.

0.1.2 Resolution

```python
In [1]: n = 30
        primes = []
        for i in range(1, n + 1):
            bol = False
            for j in primes:
                if j == 1:
                    continue
                elif i%j == 0:
                    bol = True
            if bol == False:
                primes.append(i)
        print("I numeri primi sino a", n, "sono:")
        print(primes)

I numeri primi sino a 30 sono:
[1, 2, 3, 5, 7, 11, 13, 17, 19, 23, 29]
```