

Hito2 Laboratorio 1 Intro Python

URL: <https://github.com/MisaelMassi/Programacion-Sist-Embebidos>

CODIGO:

```
class Math_utils:
    nameAPP = ''
    version = ''
    year = ''

    def __init__(self, name, vs, ys):
        self.nameAPP = name
        self.version = vs
        self.year = ys

    def get_nameAPP(self):
        return self.nameAPP

    def get_version(self):
        return self.version

    def get_year(self):
        return self.year

    def set_nameAPP(self, text):
        self.nameAPP = text

    def set_version(self, num):
        self.version = num

    def set_year(self, num):
        self.year = num

    def printApp(self):
        print(self.nameAPP, '-', self.version, '-', self.year)

    def generateNaturalNumbers(self, inc, n, plus):
        r = ""
        for i in range(inc, n + 1, plus):
            if i == (n):
                r = r + str(i) + "."
            else:
                r = r + str(i) + ","
        return r

    def ExtentionFromCI(self, ci):
        print(ci[-2:-1])
```

```
from Math_utils import Math_utils

#Imprimimos el nombre version y año
instancia= Math_utils('Misael Massi', '0.1', '2022')
instancia.printApp()

#Imprimimos las series dando los parámetros del ciclo for
print(instancia.generateNaturalNumbers(1, 10, 1))
print(instancia.generateNaturalNumbers(2, 10, 2))

instancia.ExtentionFromCI('6155617LP')
```

```
C:\Users\MASSI\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:/Users/MASSI/PycharmProjects/pythonProject1/main.p
Misael Massi - 0.1 - 2022
1,2,3,4,5,6,7,8,9,10.
2,4,6,8,10.
L

Process finished with exit code 0
```