

exercicepy3.py

```
# Définition exacte des nombres entiers
# Dans le système hexadécimal

for n in range(1, 1000):
    if n <= 6:
        tour = 0
    else:
        tour = 1
    x = n % 6 # Module d'analyse
    if x == 1:
        if tour == 0:
            print(n, 'premier multiple')
        else:
            print(n, 'possible premier')

    if x == 2:
        if tour == 0:
            print(n, 'premier multiple')
        else:
            print(n, 'multiple de 2')

    if x == 3:
        if tour == 0:
            print(n, 'premier multiple')
        else:
            print(n, 'multiple de 3 impair')

    if x == 4:
        print(n, 'multiple de 2')

    if x == 5:
        if tour == 0:
            print(n, 'premier multiple')
        else:
            print(n, 'possible premier')

    if x == 0:
        print(n, 'multiple de 3 pair')
```