

## Codes du TP6

#Exercice 3.1

```
def exo_suite1(x):  
    u=4  
    while u<x:  
        u=u**2+1  
    return u
```

```
def exo_suite1bis(x):  
    u=4  
    i=0  
    while u<x:  
        i=i+1  
        u=u**2+1  
    return u,i
```

#Exercice 3.2

```
def exo_suite2(eps):  
    u=3/4  
    n=0  
    while u>eps:  
        u=u-u**2  
        n=n+1  
    return n
```