

```
from math import sqrt

def suite(u0, u1, n):
    if n == 0:
        return u0
    for k in range(2, n+1):
        u0, u1 = u1, sqrt(u0) + sqrt(u1)
    return u1

print(suite(1, 5, 40)) # 3,9999999878
print(suite(4, 7, 40)) # 4,0000000414
```