

```
1  # -*- coding: utf-8 -*-
2  """
3  Created on Sun Aug 19 15:28:54 2018
4
5  @author: manoj
6  """
7
8  def fib2(num):
9      f=0
10     l=[1,1]
11     while f < num:
12         i=len(l)-1
13         j=i-1
14         f=l[i]+l[j]
15         if f <= num:
16             l=l+[f]
17     return l
```