import requests  
  
def get\_exchange\_rate():  
 # 获取美元和欧元的汇率  
 url = 'https://api.exchangerate-api.com/v4/latest/CNY'  
 response = requests.get(url)  
 data = response.json()  
 usd\_rate = data['rates']['USD']  
 eur\_rate = data['rates']['EUR']  
 return usd\_rate, eur\_rate  
  
def convert\_currency(amount, usd\_rate, eur\_rate):  
 # 根据汇率转换金额  
 usd\_amount = amount \* usd\_rate  
 eur\_amount = amount \* eur\_rate  
 return usd\_amount, eur\_amount  
  
if \_\_name\_\_ == "\_\_main\_\_":  
 cny\_amount = float(input("请输入人民币金额："))  
 usd\_rate, eur\_rate = get\_exchange\_rate()  
 usd\_amount, eur\_amount = convert\_currency(cny\_amount, usd\_rate, eur\_rate)  
 print(f"今日美元价格为：{usd\_amount:.2f} 美元")

print(f"今日欧元价格为：{eur\_amount:.2f} 欧元")

if \_\_name\_\_ == "\_\_main\_\_":  
 deposit\_amount = float(input("请输入存款金额（人民币）："))  
 deposit\_years = int(input("请输入存款年限（年）："))  
 interest\_rate = float(input("请输入存款利率（百分比）："))  
 total\_amount = deposit\_amount \* (1 + interest\_rate / 100) \*\* deposit\_years  
 print(f"存款总金额为：{total\_amount:.2f} 人民币")

def fib (num):  
 if num==1 or num==2:  
 return 1  
 else:  
 return fib(num-1)+fib(num-2)  
if \_\_name\_\_ == "\_\_main\_\_":  
 a=int(input("输入斐波那契数列要求的项："))  
 print("斐波那契数列的第",a,"项值为",fib(a))