CAMEL AND BANANA

Problem: A person has 3000 bananas and a camel. The person wants to transport the maximum number of bananas to a destination which is 1000 KMs away, using only the camel as a mode of transportation. The camel cannot carry more than 1000 bananas at a time and eats a banana every km it travels. What is the maximum number of bananas that can be transferred to the destination using only camel (no other mode of transportation is allowed).

Code:

```python
total=int(input('Enter no. of bananas at starting'))

distance=int(input('Enter distance you want to cover'))

load_capacity=int(input('Enter max load capacity of your camel'))

lose=0

start=total

for i in range(distance):

#print(load_capacity)

#print(start)

while start>0:

start=start-load_capacity

if start==1:

lose=lose-1

lose=lose+2

lose=lose-1

start=total-lose

if start==0:
```

```
        break
     #print(lose)
print(f"Number of bananas delivered:{start}")
```

INPUT:

Enter no of bananas at starting:3000

Enter distance you want to cover:1000

Enter max load capacity of your camel:1000

OUTPUT:

Number of bananas delivered:533