

# Artificial Intelligence LAB-1

## CAMEL BANANA PUZZLE

Date:13-1-22

### Source Code:

```
total=int(input('Enter no. of bananas at starting point:'))
distance=int(input('Enter distance you to be covered:'))
max_capacity=int(input('Max. Capacity of camel:'))
lose=0
start_point=total
for i in range(distance):
    while start_point>0:
        start_point=start_point-max_capacity

        if start_point==1:
            lose=lose-1
            lose=lose+2

        lose=lose-1
    start_point=total-lose
    if start==0:
        break
print(start_point)
```

### Output

```
Enter no. of bananas at starting point:3000
Enter distance you to be covered:1000
Max. Capacity of camel:1000
533
```

