**AI LAB EXP – 1**

**IMPLEMENTATION OF TOY PROBLEMS**

**Camel & Bananas Problem**

**Date: 04-01-2022**

**Name: VINOTH S**

**Reg No: RA1911030010103**

**CODE:**

numofbanana = int(input("Enter the number of bananas: "))

totdistance = int(input("Enter the distance you wanna cover: "))

maxload = int(input("Enter max load capacity of your camel: "))

start = numofbanana

lose = 0

for i in range(totdistance):

if start==0:

break

while start>0:

start = start-maxload

if start==1:

lose-=1

lose+=2

lose-=1

start=numofbanana-lose

print(start)

numofbanana = int(input("Enter the number of bananas: "))

totdistance = int(input("Enter the distance you wanna cover: "))

maxload = int(input("Enter max load capacity of your camel: "))

start = numofbanana

lose = 0

for i in range(totdistance):

 if start==0:

  break

 while start>0:

  start = start-maxload

  if start==1:

   lose-=1

  lose+=2

 lose-=1

start=numofbanana-lose

print(start)

**OUTPUT SCREENSHOT:**

