

AI LAB EXP – 1 IMPLEMENTATION OF TOY PROBLEMS Camel & Bananas Problem

Date: 06-01-2022

Name: S. Pranai Govind

Reg No: RA1911030010106

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)
```

SCREEN SHOT:

To-do

Untitled0.ipynb - Colaboratory

+

colab.research.google.com/drive/1nh6EYUkckusytqyDVgYj_i7E2NaL3-1

Apps

srmist.edu - Acade...

The Python Mega C...

CodeTantra Teach...

CCC

Classes

Must-know Topics...

Online Courses - A...

Library Genesis

Apache Superset O...

Reading list

Untitled0.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Comment

Share

RAM

Disk

Editing

+ Code + Text

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)

Enter the number of bananas: 3000
Enter the distance you wanna cover: 1000
Enter max load capacity of your camel: 1000
533

30s

completed at 9:46 AM