AI LAB EXP – 1

IMPLEMENTATION OF TOY PROBLEMS

Camel & Bananas Problem

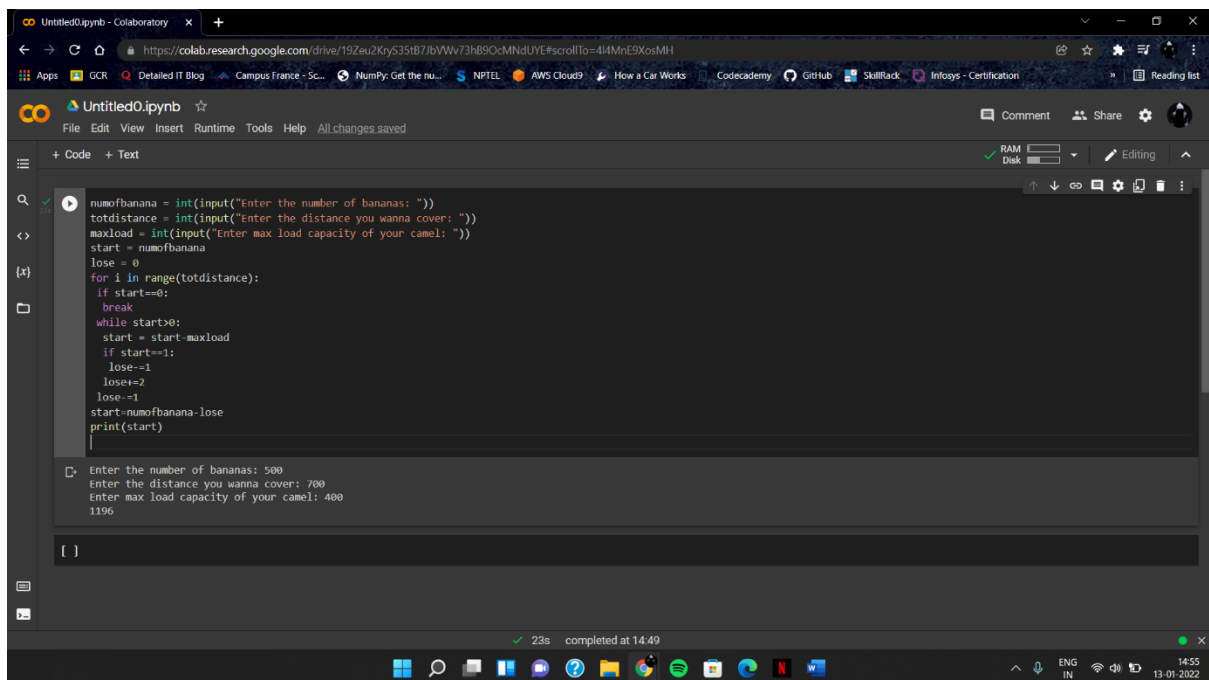**Date: 04-01-2022**

Name: VINOTH S

Reg No: RA1911030010103

CODE:

```python
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)
```

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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: