AI LAB MANUAL

Exp 1: Implementation of Toy Problems

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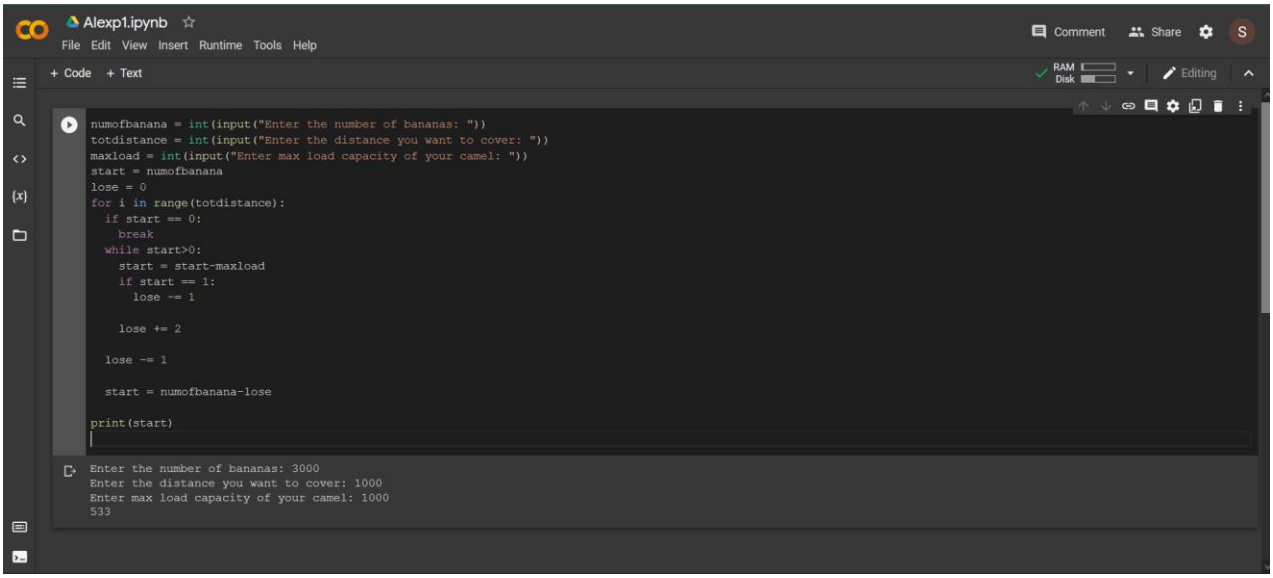
Problem:	Camel and Banana
Date:	13-01-22

Code: (Python)

```
numofbanana = int(input("Enter the number of bananas: "))
totdistance = int(input("Enter the distance you want to 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)
```

Implementation:

Screenshots



Output: