EXPERIMENT 19

Python proram for solving toy problem

def maximum\_toys(cost, N, K):

count = 0

sum = 0

# sort the cost array

cost.sort(reverse = False)

for i in range(0, N, 1):

# Check if we can buy ith toy or not

if (sum+cost[i] <= K):

sum = sum + cost[i]

# Increment the count variable

count += 1

return count

# Driver Code

if \_name\_ == '\_main\_':

K = 50

cost = [1, 12, 5, 111, 200,

1000, 10, 9, 12, 15]

N = len(cost)

print(maximum\_toys(cost, N, K))

OUTPUT

