Note book Laupuit - Task 1
Lavy Tasting
Too

1.12 troduction

Give explanation of the experiment

2. Problem Statement white out the problem Statement

3. Descriptions on as the oppositions and while is

- No replacement

- Lady how is special powers

roctulas 1- show. I

Expland the 100ic

-> conbitation (Penneadod) and

811012024 LADY TASTING TEA

MY LOGIC

rember with milk in first = 6
number with tea in first = 6

probability of seketing 6 cups:

12 × 11 × 12 × 9 × 8 × 7 = Dis number!

665 280

number of combinations for 6 cups:

=) 665280/-720: 924

1 in 924 chance of selecting 6 upps with milk in first from 12 ups

APPLY TO 3 CUPS ? CORRECT

8×7+6×5:1680 4×3+2×1;24

1680/24=70

ecture

My Own Code

Total no of cups: n

H 12 => n! : 12 × 11 × 10 × 9 × 8 × 7..... × 1

=> n! : n × (n-1) × (n-2) × (n+3) × (n-4)....

for in renge (1, num-1):

for in renge (1, num+1):

for in renge (1, num+1):

for in renge (1, num+1):

for total in renge (1, num+1):

return yoctorial

Port 2 lan. 2 cade -> reference Use fivetnictyciant style Jahrate duch x-oxis, y-oxis, +:HR 12120 100K on wikipedia it gives another explanation of getting 314 correct Tie back into Type 1+ Type 2 errors * Look at articles found online -> hook up around null happethesis Now impostresis: no special powers
Two errors at most: 28% chance

· If accept the hall hypothesis with two errors then it is possible that you reject the null hypothesis (she has no ability) when she has no ability