

Answer

1. Flowchart

Answer: [1,5,10]

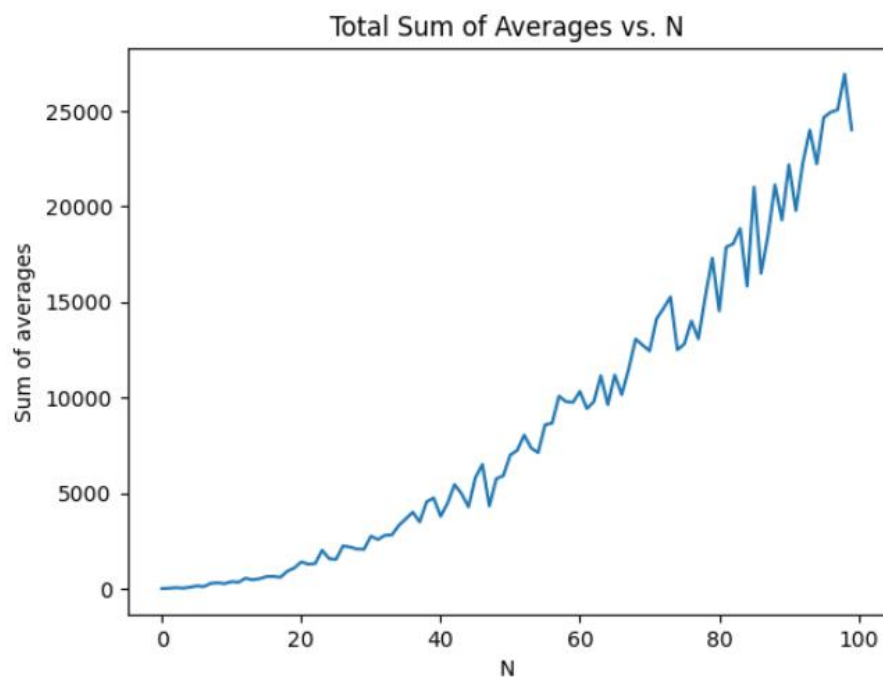
2. Continuous ceiling function

输入示例: [1,2,3,4,5]
Answer: [1,5,7,13,15]

3. Dice rolling

Answer: The maximum number of ways is 4395456 when the sum is 35

4. Dynamic programming



5. Path counting

Answer: Mean number of paths over 1000 runs: 14.873