```python
# Practical-2: The aim of this code is to simulate coin tosses and calculate the probabilities of getting heads and tails
# based on the number of tosses specified by the user.

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import random
import numpy as np
import matplotlib.pyplot as plt
from scipy.stats import norm

def singleToss():
    return random.choice(["H", "T"]) == "H"

def simulateTrial():
    numHeads = sum(1 for _ in range(10) if singleToss())
    return numHeads / 10

def main():
    numTrials = int(input("-->> Enter the number of Trials (Each Trial consist of 10 flips of a coin): "))

    probabilities = [simulateTrial() for _ in range(numTrials)]

    meanProbability = np.mean(probabilities)
    print(f"\n-> Probability of Getting a Head After {numTrials} trials of 10 Coin Tosses: {meanProbability} or
{(meanProbability * 100):.4f}%")

    plt.xlabel('Probability of Heads')
    plt.ylabel('Frequency')
    plt.title('Distribution of Probability of Heads')

    mu, std = np.mean(probabilities), np.std(probabilities)
    xmin, xmax = plt.xlim()
    x = np.linspace(xmin, xmax, 100)
    p = norm.pdf(x, mu, std)
    plt.plot(x, p, 'k', linewidth=2)

    plt.show()

main()

print("\n-*-*-*-*-*-END OF PRACTICAL 2-*-*-*-*-*-\n")
```