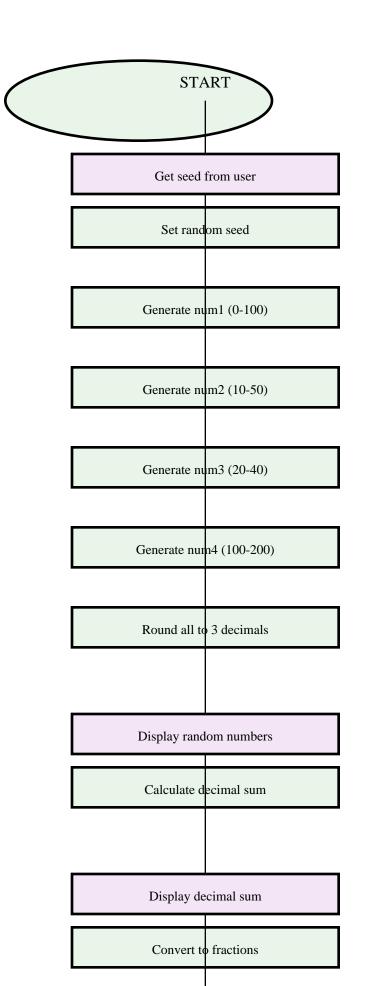
## Flowchart: Random Number Generation and Fraction Conversion Algorithm



## **Algorithm Details:**

- Use random.seed(int(input('Enter the seed: '))) for reproducible results
- Generate 4 random numbers in specified ranges
- Round all numbers to 3 decimal places
- Calculate and display decimal sum (rounded to 3 decimals)
- Convert numbers to fractions with denominators  $\leq 1000$
- Calculate and display fraction sum
- File should be named: py1\_team\_2\_teamnumber.py