7.2.2 Task 2 Flowchart

Start

Input seed

```
first = round(random.uniform(0, 100), 3)
```

```
second = round(random.uniform(10, 50), 3)
```

```
third = round(random.uniform(20, 40), 3)
```

```
fourth = round(random.uniform(100, 200), 3)
```

```
solOne = first + second + third + fourth
```

```
firstF = Fraction(first).limit_denominator()
```

```
secondF = Fraction(second).limit_denominator()
```

```
thirdF = Fraction(third).limit_denominator()
```

```
fourthF = Fraction(fourth).limit_denominator()
```

```
solTwo = Fraction(first + second + third + fourth).limit_denominator()
```

Output
Enter the seed: seed
First Random Number : first
Second Random Number : second
Third Random Number : third
Fourth Random Number : fourth
Sum from decimals: first + second + third + fourth = solOne
Sum from fractions: firstF + secondF + thirdF + fourthF = solTwo