Coin Flipper Pseudocode

1. Set heads = 0, tails = 0, counter = 0
2. Print "How many coin flips? "
3. Input flips
4. Set coin randomly to zero or one
5. If coin = 0, go to Step 9
6. Add 1 to tails and add 1 to counter
7. If counter >= flips, go to Step 12
8. Go to Step 4
9. Add 1 to heads and add 1 to counter
10. If counter >= flips, go to Step 12
11. Go to Step 4
12. Print flips, heads, tails
13. End

Coin Flipper Flow Chart

Start

flips, heads=0, tails=0, counter=0

Print "How many coin flips? "

input flips

coin = rnd(0,1)

Add 1 to heads

coin = 0?

True

False

Add 1 to tails

Add 1 to counter

Counter < flips?

True

False

Print "   Number of flips: ", flips
Print "Number of heads: ", heads
Print "   Number of tails: ", tails

End