Darts Pseudocode

calcPi(int numHits, int dartThrows)

for each dartThrow generate a random coordinate

if the coordinate is within a circle of radius 1

increase numHits by 1

calculate pi using the formula 4(h/n)

h = numHits

n = dartThrows

return pi

calcAvg()

calculate the sum of pi’s from each trial

divide the sum by number of trials

return average

getNumTrials()

return myNumTrials

getDartThrows()

return myDartThrows

getAverage()

return average

toString()

return “Estimate of Pi: ” + average