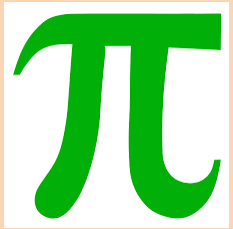
HW 2 Pi Estimation



1. Build “my.Pi” : a function to estimate Pi value
2. Specify set.seed (Last three digits of your ID)
3. Use runif(n) to generate n random coordinate (x,y) points
4. Find the ratio of a quarter of unit circle and unit square
5. Increase n from 500000, 1000000, 2000000
6. Plot graph to display the ratio in the first quadrant with different colors by shape
7. Summarize your estimated values in the below table
8. Make conclusion about what you found

No. of dots	Pi value	Diff. from 3.14159
500,000		
1,000,000		
2,000,000		