

Problem #2

Stacks:

Compare table output values to input? What do you see and why. What does Theory say about recursions?

Recursions go incrementing respectively to the second function called the first function that is called will always be 1 step in front of the secondary recursive function called

0	0	0	1
0.1	0.100167	4180	6764
0.2	0.201336	6764	10945
0.3	0.30452	10945	17710
0.4	0.410752	10945	17710
0.5	0.521095	10945	17710
0.6	0.636654	17710	28656
0.7	0.758584	17710	28656
0.8	0.888106	17710	28656
0.9	1.02652	17710	28656

RAD	Results CosH	Cos calls	Sin calls
-1	1.54308	10946	17710
-0.9	1.43309	10946	17710
-0.8	1.33743	10946	17710
-0.7	1.25517	10946	17710
-0.6	1.18547	10946	17710
-0.5	1.12763	6765	10945
-0.4	1.08107	6765	10945
-0.3	1.04534	6765	10945
-0.2	1.02007	4181	6764
-0.1	1.005	2584	4180
0	1	1	0