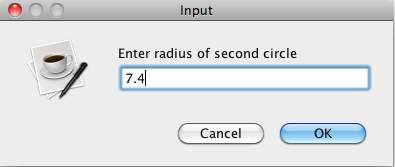
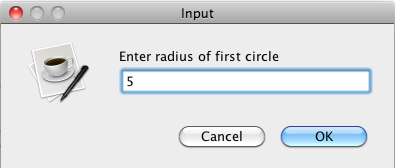
Screenshots of inputs:



Screenshot of program output:

