The symmetric hyperbolic sine and cosine functions are defined as follows:

$$sFs(x) = \frac{\gamma^x - \gamma^{-x}}{\sqrt{5}} \text{ and } cFs(x) = \frac{\gamma^x + \gamma^{-x}}{\sqrt{5}}$$

where $\gamma = (1 + \sqrt{5})/2$. Also, the complex quasi-sine Fibonacci function is defined as

$$\operatorname{cqsF}(x,n) = \frac{\gamma^{x} - \cos(n\pi x)\gamma^{-x}}{\sqrt{5}} + \iota \frac{\sin(n\pi x)\gamma^{-x}}{\sqrt{5}}$$

where γ is defined as before.

Write a MATLAB script that begins by defining these three functions and using these anonymous functions, plot the graphs of sFs(x) and cFs(x) against x over the range -0.01 to 4.02.