

Lists for testing

xVals = [5,3,5.3,7.98752,8.6,4,3.1,7,8,3]

yVals = [9,5,6,3,6,8,4,7,3,11]

## Linear Interpolation Between Endpoints

User Inputs

Inside Domain

Outside Domain

xVals (list)

yVals (list)

desiredX (float)

interpolation  
function

extrapolation  
function

while loop, until  
input == 'q'

collected at same  
time as xVals

sorted

sorted in  
conjunction with  
the xVals

funcX (float)

k (endpoint)

funcX (float)