Convergence Condition

There exists an interval I = [8-c, Y+c] for some e > 0, seech that |g'(x)| < 1 on $I = 2 \times 6 \in I$ i) $x - \cos(x) = f(x) | [0.5, 1)$ $= |g'(x)| = |\cos(x)| = I$ $= |g'(x)| = |\sin(x)| = I$ $= |g'(x)| = |\sin(x)| = I$ $= |g'(x)| = |\cos(x)| = I$ $= |g'(x)| = |\cos(x)| = I$ $= |g'(x)| = |\cos(x)| = I$ $= |\cos(x)| |\cos(x)| =$