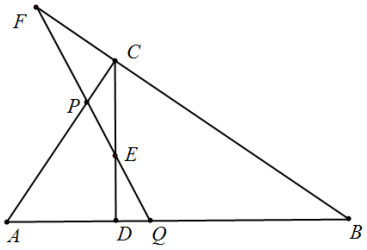
Example 1 63 : As shown in Figure 1, it is known that CD is the height on the hypotenuse AB *of* $Rt\triangle ABC$, take points P and Q on AC and AB *respectively*, so that $AP = AQ$, straight line PQ intersects BC at F and intersects CD at E. Prove : $CE = CF$.



$$\frac{\frac{A-C}{P-Q}}{\frac{Q-P}{A-B}}\frac{C-B}{C-A}\frac{C-E}{A-B}=\frac{\frac{E-C}{P-Q}}{\frac{P-Q}{B-C}}$$

Description: Just replace the straight line AF with PQ.