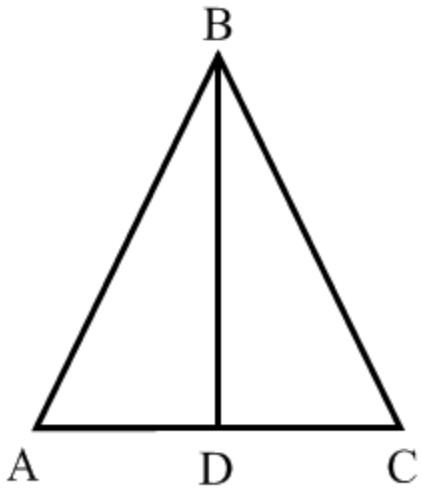
In paragraph form write a formal proof for each of the following questions. Be sure to use proper terminology throughout this assignment.

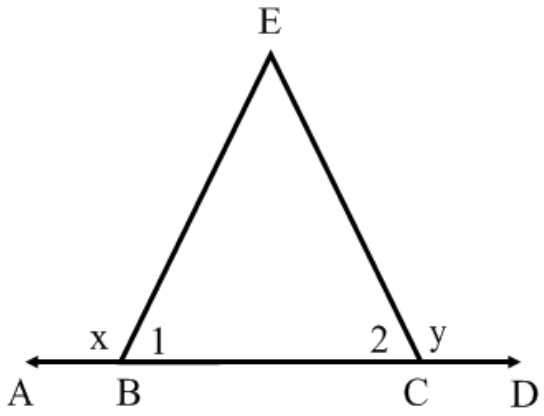
1.



Given: $\overline{BD}$ is a perpendicular bisector to $\overline{AC}$

Prove: ΔABC is isosceles

2.



Given: $\angle x \cong \angle y$

Prove: $\angle 1 \cong \angle 2$