Big Bang  
   
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The Big Bang is a physical theory that describes how the universe expanded from an initial state of high  
density and temperature. Various cosmological models based on the Big Bang concept explain a broad  
range of phenomena, including the abundance of light elements, the cosmic microwave background  
(CMB) radiation, and large-scale structure. The uniformity of the universe, known as the horizon and  
flatness problems, is explained through cosmic inflation: a phase of accelerated