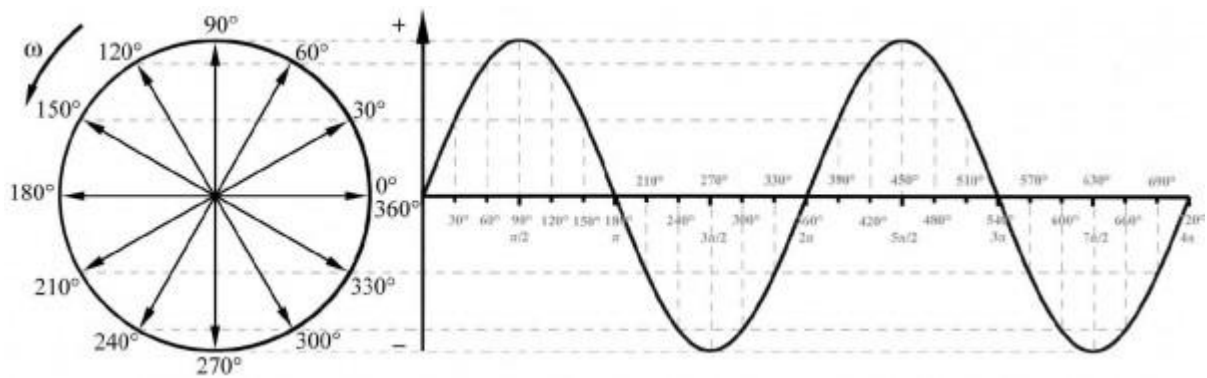
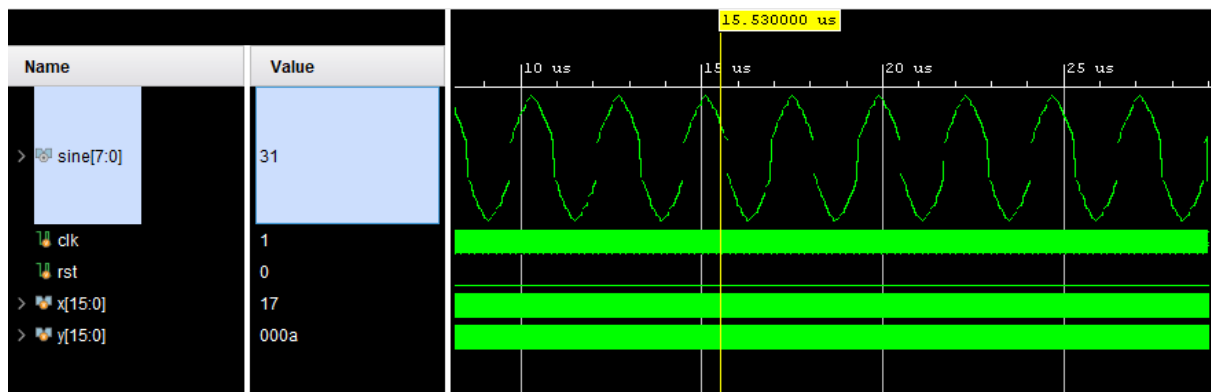


Sine generation is based on the following logic



Here the variations are used upto 90 degree and logic is repeated



The above image shows the sine wave that was generated using the logic  
the radius of the circle is the amplitude of the sine wave generated