```
`timescale 1ns / 1ps
// Company:
// Engineer:
// Create Date: 11/19/2020 04:24:08 PM
// Design Name:
// Module Name: 8Bit Adder
// Project Name:
// Target Devices:
// Tool Versions:
// Description:
//
// Dependencies:
// Revision:
// Revision 0.01 - File Created
// Additional Comments:
module Bit8 Adder(
   input [7:0] In,
   output [7:0] Out
   );
   wire [7:0] C;
   Full Adder bit0(.A(In[0]), .B(1'b0), .Cin(1'b1), .S(Out[0]), .Cout(C[0]));
   Full Adder bit1(.A(In[1]), .B(1'b0), .Cin(C[0]), .S(Out[1]), .Cout(C[1]));
   Full Adder bit2(.A(In[2]), .B(1'b0), .Cin(C[1]), .S(Out[2]), .Cout(C[2]));
   Full Adder bit3(.A(In[3]), .B(1'b0), .Cin(C[2]), .S(Out[3]), .Cout(C[3]));
   Full Adder bit4(.A(In[4]), .B(1'b0), .Cin(C[3]), .S(Out[4]), .Cout(C[4]));
   Full Adder bit5(.A(In[5]), .B(1'b0), .Cin(C[4]), .S(Out[5]), .Cout(C[5]));
   Full Adder bit6(.A(In[6]), .B(1'b0), .Cin(C[6]), .S(Out[6]), .Cout(Out[7]));
   //Full Adder bit7(.A(In[7]), .B(1'b0), .Cin(C[7]), .S(Out[0]), .Cout(C[0]));
```

endmodule