Pre-lab #4 B) Write pseudo-code for the Multi-code Converter Controller in the Multi-Code Converter Module. Show what values are output from the Multi-code Converter Controller for the cases Multi-code when button 0, button 1, and button 2 are pushed. Converter Module Multi-code Converter Controller Module MultiConverter (Digi 2, Digil, Digi). swtch, bttn); Hex Value 7 Hex Value 0 input [3: 0] swtdu; input [2:0] bttu; Seven Segment Seven Segment Seven Segment output [6:0] Digi 2, Digi 1, Digi 0; reg [6:0] Digi 2, Digi 1, Digi 0, Figure 1: Multi-code Converter Module always @ (swtch or btth) begin; if (b th == 2) begin; % 1st case (swtch) 0: begin Digil = 7'b ", pigi 2= 7'b "; end else if (6 th = = ?) begin // other cases