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-- User Modified  
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-- Register the current value of the software-configurable registers into the  
-- 'log_data' register, with Reg0's 32-bits first, then Reg1's 32-bits.  
log_hold : process(clk, reset)  
begin  
    if(clk'event and clk='1')then  
        if(reset = '1')then  
            log_data <= (others => '0');  
        else  
            log_data <= Reg0In & Reg1IN;  
        end if;  
    end if;  
end process;  
  
-----  
end Behavioral;
```