INFORMATION:

SL.NO	PIN	TYPE	WIDTH	DESCRIPTION
1	**clk**	INPUT	1	Clock signal
2	**coin**	INPUT	1	Insert **₹5 coin**
3	**user_in**	INPUT	2	For **tea** - 2'b01 (S1) For **coffee** - 2'b10 (S2) For **Cancel** - 2'b11 (S3)
4	**tea**	OUTPUT	1	**Dispense tea**
5	**coffee**	OUTPUT	1	**Dispense coffee**
6	**coin_ret**	OUTPUT	1	**Dispense ₹5 coin**

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