OS Tick	250	us

Max time (ms)	32

Project:	Window Lifter Project
Author:	Habib Alejandro Apez González

TASK_NUMBER	TASK_ID	Minumun Executions	Offset	Mask	Task period (ms)	Number of executions
1	TASK_1MS	32	0	3	1.000	32
2	TASK_2MS	16	1	7	2.000	16
3	TASK_4MS	8	2	15	4.000	8
4	TASK_8MS	4	3	31	8.000	4
5	TASK_16MS	2	5	63	16.000	2
6	TASK_32MS	1	6	127	32.000	1

Task Activation -> Binary Progression & Mask

Hyper-period	
Ticks	Time (ms)
128	32

#Collisions	0
CPU Usage	49.22%

TASK_ NUMBER	Ui
1	0.25
2	0.13
3	0.06
4	0.03
5	0.02
6	0.01
Total	0.49

Minimum OS Tick	12.50 us

NOTAS:	Los periodos de la tarea son calculado en funcion del OS Tick y de las máscara
	Task rate = OS Tick * (mask + 1)

Task1 rate:	3.125 ms
Mask1	3
Cálculo del OS Tick:	781.250 us

OS Tick Valid?	YES

1° HYPERPERIOD

Decimal	Time (ms)	Binary Progression										TASK_1MS				TASK_2MS				TASK_4MS				TASK_8MS				TASK_16MS				TASK_32MS				Collision	CPU usage
												MT1 & Counter	Offset T1 Match	T1 Activation	T1 Period (ms)	MT2 & Counter	Offset T2 Match	T2 Activation	T2 Period (ms)	MT3 & Counter	Offset T3 Match	T3 Activation	T1 Period (ms)	MT4 & Counter	Offset T4 Match	T4 Activation	T4 Period (ms)	MT5 & Counter	Offset T5 Match	T5 Activation	T5 Period (ms)	MT6 & Counter	Offset T6 Match	T6 Activation	T6 Period (ms)		
0	0	0	0	0	0	0	0	0	0	0	0	0	0	A	1.00	0				0				0				0				0					U
1	0.25	0	0	0	0	0	0	0	0	0	1	1				1	1	A	2.00	1								1				1					U
2	0.5	0	0	0	0	0	0	0	0	1	0	2				2				2	2	A	4.00	2	2			2				2					U
3	0.75	0	0	0	0	0	0	0	0	1	1	3				3				3				3		A	8.00	3				3					U
4	1	0	0	0	0	0	0	0	1	0	0	0	0	A	1.00	4				4				4				4				4					U
5	1.25	0	0	0	0	0	0	0	1	0	1	1				5				5				5				5	5	A	16.00	5					U
6	1.5	0	0	0	0	0	0	0	1	1	0	2				6				6				6				6				6	6	A	32.00		U
7	1.75	0	0	0	0	0	0	0	1	1	1	3				7				7				7				7				7					
8	2	0	0	0	0	0	1	0	0	0	0	0	0	A	1.00	0				8				8				8				8					U
9	2.25	0	0	0	0	0	1	0	0	0	1	1				1	1	A	2.00	9				9				9				9					U
10	2.5	0	0	0	0	0	1	0	1	0	0	2				2				10				10				10				10					
11	2.75	0	0	0	0	0	1	0	1	1	1	3				3				11				11				11				11					
12	3	0	0	0	0	0	1	1	0	0	0	0	0	A	1.00	4				12				12				12				12					U
13	3.25	0	0	0	0	0	1	1	0	1	0	1				5				13				13				13				13					
14	3.5	0	0	0	0	0	1	1	1	0	0	2				6				14				14				14				14					
15	3.75	0	0	0	0	0	1	1	1	1	1	3				7				15				15				15				15					
16	4	0	0	0	0	1	0	0	0	0	0	0	0	A	1.00	0				0				16				16				16					U
17	4.25	0	0	0	0	1	0	0	0	0	1	1				1	1	A	2.00	1				17				17				17					U
18	4.5	0	0	0	0	1	0	0	1	0	0	2				2				2	2	A	4.00	18				18				18					U
19	4.75	0	0	0	0	1	0	0	1	1	1	3				3				3				19				19				19					
20	5	0	0	0	0	1	0	1	0	0	0	0	0	A	1.00	4				4				20				20				20					U
21	5.25	0	0	0	0	1	0	1	0	1	0	1				5				5				21				21				21					
22	5.5	0	0	0	0	1	0	1	1	0	0	2				6				6				22				22				22					
23	5.75	0	0	0	0	1	0	1	1	1	1	3				7				7				23				23				23					
24	6	0	0	0	0	1	1	0	0	0	0	0	0	A	1.00	0				8				24				24				24					U
25	6.25	0	0	0	0	1	1	0	0	0	1	1				1	1	A	2.00	9				25				25				25					U
26	6.5	0	0	0	0	1	1	0	1	0	0	2				2				10				26				26				26					
27	6.75	0	0	0	0	1	1	0	1	1	1	3				3				11				27				27				27					
28	7	0	0	0	0	1	1	1	0	0	0	0	0	A	1.00	4				12				28				28				28					U
29	7.25	0	0	0	0	1	1	1	0	1	0	1				5				13				29				29				29					
30	7.5	0	0	0	0	1	1	1	1	0	0	2				6				14				30				30				30					
31	7.75	0	0	0	0	1	1	1	1	1	1	3				7				15				31				31				31					
32	8	0	0	0	1	0	0	0	0	0	0	0	0	A	1.00	0				0				0				32				32					U
33	8.25	0	0	0	1	0	0	0	0	0	1	1				1	1	A	2.00	1				1				33				33					U
34	8.5	0	0	0	1	0	0	0	0	1	0	2				2				2	2	A	4.00	2	2			34				34					U
35	8.75	0	0	0	1	0	0	0	0	1	1	3				3				3				3		A	8.00	35				35					U
36	9	0	0	0	1	0	0	1	0	0	0	0	0	A	1.00	4				4				4				36				36					U
37	9.25	0	0	0	1	0	0	1	0	0	1	1				5				5				5				37				37					
38	9.5	0	0	0	1	0	0	1	1	0	0	2				6				6				6				38				38					
39	9.75	0	0	0	1	0	0	1	1	1	1	3				7				7				7				39				39					
40	10	0	0	0	1	0	1	0	0	0	0	0	0	A	1.00	0				8				8				40				40					U
41	10.25	0	0	0	1	0	1	0	0	0	1	1				1	1	A	2.00	9				9				41				41					U
42	10.5	0	0	0	1	0	1	0	1	0	0	2				2				10				10				42				42					
43	10.75	0	0	0	1	0	1	0	1	1	1	3				3				11				11				43				43					
44	11	0	0	0	1	0	1	1	0	0	0	0	0	A	1.00	4				12				12				44				44					U
45	11.25	0	0	0	1	0	1	1	0	1	0	1				5				13				13				45				45					
46	11.5	0	0	0	1	0	1	1	1	0	0	2				6				14				14				46				46					
47	11.75	0	0	0	1	0	1	1	1	1	1	3				7				15				15				47				47					
48	12	0	0	0	1	1	0	0	0	0	0	0	0	A	1.00	0				0				16				48				48					U
49	12.25	0	0	0	1	1	0	0	0	0	1	1				1	1	A	2.00	1				17				49				49					U
50	12.5	0	0	0	1	1	0	0	1	0	0	2				2				2	2	A	4.00	18				50				50					U
51	12.75	0	0	0	1	1	0	0	1	1	1	3				3				3				19				51				51					
52	13	0	0	0	1	1	0	1	0	0	0	0	0	A	1.00	4				4				20				52				52					U
53	13.25	0	0	0	1	1	0	1	0	1	0	1				5				5				21				53				53					
54	13.5	0	0	0	1	1	0	1	1	0	0	2				6				6				22				54				54					
55	13.75	0	0	0	1	1	0	1	1	1	1	3				7				7				23				55				55					
56	14	0	0	0	1	1	1	0	0	0	0	0	0	A	1.00	0				8				24				56				56					U
57	14.25	0	0	0	1	1	1	0	0	0	1	1				1	1	A	2.00	9				25				57				57					U
58	14.5	0	0	0	1	1	1	0	1	0	0	2				2				10				26				58				58					
59	14.75	0	0	0	1	1	1	0	1	1	1	3				3				11				27				59				59					
60	15	0	0	0	1	1	1	1	0	0	0	0	0	A	1.00	4				12				28				60				60					U
61	15.25	0	0	0	1	1	1	1	0	1	0	1				5				13				29				61				61					
62	15.5	0	0	0	1	1	1	1	1	0	0	2				6				14				30				62				62					
63	15.75	0	0	0	1	1	1	1	1	1	1	3				7				15				31				63				63					
64	16	0	0	1	0	0	0	0	0	0	0	0	0	A	1.00	0				0				0				0				64					U
65	16.25	0	0	1	0	0	0	0	0	0	1	1				1	1	A	2.00	1				1				1				65					U
66	16.5	0	0	1	0	0	0	0	0	1	0	2				2				2	2	A	4.00	2	2			2				66					U
67	16.75	0	0	1	0	0	0	0	0	1	1	3				3				3				3		A	8.00	3				67					U
68	17	0	0	1	0	0	0	1	0	0	0	0	0	A	1.00	4				4				4				4				68					U
69	17.25	0	0	1	0	0	0	1	0	1	0	1				5				5				5				5	5	A	16.00	69					U
70	17.5	0	0	1	0	0	0	1	1	0	0	2				6				6				6				6				70					
71	17.75	0	0	1	0	0	0	1	1	1	1	3				7				7				7				7				71					
72	18	0	0	1	0	0	1	0	0	0	0	0	0	A	1.00	0				8				8				8				72					U
73	18.25	0	0	1	0	0	1	0	0	1	0	1				1	1	A	2.00	9				9				9				73					U
74	18.5	0	0	1	0	0	1	0	1	0	0	2				2				10				10				10				74					
75	18.75	0	0	1	0	0	1	0	1	1	1	3				3				11				11				11				75					
76	19	0	0	1	0	0	1	1	0	0	0	0	0	A	1.00	4				12				12				12				76					U
77	19.25	0	0	1	0	0	1	1	0	1	0	1				5				13				13				13				77					
78	19.5	0	0	1	0	0	1	1	1	0	0	2				6				14				14				14				78					
79	19.75	0	0	1	0	0	1	1	1	1	1	3				7				15				15				15				79					
80	20	0	0	1	0	1	0	0	0	0	0	0	0	A	1.00	0				0				16				16				80					U
81	20.25	0	0	1	0	1	0	0	0	1	0	1				1	1	A	2.00	1				17				17				81					U
82	20.5	0	0	1	0	1	0	0	1	0	0	2				2				2	2	A	4.00	18				18				82					U
83	20.75	0	0	1	0	1	0	0	1	1	1	3				3				3				19				19				83					
84	21	0	0	1	0	1	0	1	0	0	0	0	0	A	1.00	4				4				20				20				84					U
85	21.25	0	0	1	0	1	0	1	0	1	0	1				5				5				21				21				85					
86	21.5	0	0	1	0	1	0	1	1	0	0	2				6				6				22				22				86					
87	21.75	0	0	1	0	1	0	1	1	1	1	3				7				7				23				23				87					
88	22	0	0	1	0	1	1	0	0	0	0	0	0	A	1.00	0				8				24				24				88					U
89	22.25	0	0	1	0	1	1	0	0	1	0	1				1	1	A	2.00	9				25				25				89					U
90	22.5	0	0	1	0	1	1	0	1	0	0	2				2				10				26				26				90					
91	22.75	0	0	1	0	1	1	0	1	1	1	3				3				11				27				27				91					
92	23	0	0	1	0	1	1	1	0	0	0	0	0	A	1.00	4				12				28				28				92					U
93	23.25	0	0	1	0	1	1	1	0	1	0	1				5				13				29				29				93					
94	23.5	0	0	1	0	1	1	1	1	0	0	2				6				14				30				30				94					
95	23.75	0	0	1	0	1	1	1	1	1	1	3				7				15				31				31				95					
96	24	0	0	1	1	0	0	0	0	0	0	0	0	A	1.00	0				0				0				32				96					U
97	24.25	0	0	1	1	0	0	0	0	0	1	1				1	1	A	2.00	1				1				33				97					U
98	24.5	0	0	1	1	0	0	0	1	0	0	2				2				2	2	A	4.00	2	2			34				98					U
99	24.75	0	0	1	1	0	0	0	1	1	1	3				3				3				3		A	8.00	35				99					U
100	25	0	0	1	1	0	0	1	0	0	0	0	0	A	1.00	4				4				4				36				100					U
101	25.25	0	0	1	1	0	0	1	0	1	0	1				5				5				5				37				101					
102	25.5	0	0	1	1	0	0	1	1	0	0	2				6				6				6				38				102					
103	25.75	0	0	1	1	0	0	1	1	1	1	3				7				7				7				39				103					
104	26	0	0	1	1	0	1	0	0	0	0	0	0	A	1.00	0				8				8				40				104					U
105	26.25	0	0	1	1	0	1	0	0	1	0	1				1	1	A	2.00	9				9				41				105					U
106	26.5	0	0	1	1	0	1	0	1	0	0	2				2				10				10				42				106					
107	26.75	0	0	1	1	0	1	0	1	1	1	3				3				11				11				43				107					
108	27	0	0	1	1	0	1	1	0	0	0	0	0	A	1.00	4				12				12				44				108					U
109	27.25	0	0	1	1	0	1	1	0	1	0	1				5				13				13				45				109					
110	27.5	0	0	1	1	0	1	1	1	0	0	2				6				14				14				46				110					
111	27.75	0	0	1	1	0	1	1	1	1	1	3				7				15				15				47				111					
112	28	0	0	1	1	1	0	0	0	0	0	0	0	A	1.00	0				0				16				48				112					U
113	28.25	0	0	1	1	1	0	0	0	0	1	1				1	1	A	2.00	1				17				49				113					U
114	28.5	0	0	1	1	1	0	0	1	0	0	2				2				2	2	A	4.00	18				50				114					U
115	28.75	0	0	1	1	1	0	0	1	1	1	3				3				3				19				51				115					
116	29	0	0	1	1	1	0	1	0	0	0	0	0	A	1.00	4				4				20				52				116					U
117	29.25	0	0	1	1	1	0	1	0	1	0	1				5				5				21				53				117					
118	29.5	0	0	1	1	1	0	1	1	0	0	2				6				6				22				54				118					
119	29.75	0	0	1	1	1	0	1	1	1	1	3				7				7				23				55				119					
120	30	0	0	1	1	1	1	0	0	0	0	0	0	A	1.00	0				8				24				56				120					U
121	30.25	0	0	1	1	1	1	0	0	1	0	1				1	1	A	2.00	9				25				57				121					U
122	30.5	0	0	1	1	1	1	0	1	0	0	2				2				10				26				58				122					
123	30.75	0	0	1	1	1	1	0	1	1	1	3				3				11				27				59				123					
124	31	0	0	1	1	1	1	1	0	0	0	0	0	A	1.00	4				12				28				60				124					U
125	31.25	0	0	1	1	1	1	1	0	1	0	1				5				13				29				61				125					
126	31.5	0	0	1	1	1	1	1	1	0	0	2				6				14				30				62				126					
127	31.75	0	0	1	1	1	1	1	1	1	1	3				7				15				31				63				127					
128	32	0	1	0	0	0	0	0	0	0	0	0	0	A	1.00	0				0				0				0				0					U