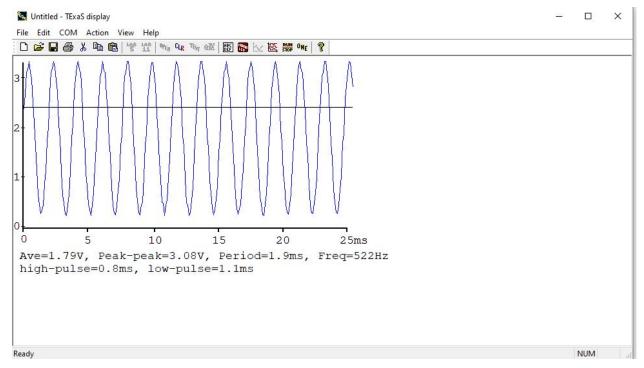


	-	
Keymar 0x 2000.0000	1000	920
0 × 2000.0004	03189	199
0 x 2000,0008	03792	826
0 x 2000.000 C	10000	126
0 x 2000.0010	04257	130
0× 2000.0014	0	1939
0x 2050,0018	10680	1 -08 6
0×2000.0016	6	1 79.00
0x 2000.0020	4778	1 or r
0x2000.6624	0	1 66 6
0x2000,0028		1 94 15
072000.0020	0	1756
0 % 2000.0030	0888	4 50 1
022606.0034	1000	1 24
6×20000 038	035	1 89 b
022000,0034	1000	1 250
	1	109 b
	1 700	1000
		1300
	1 30K	1 22 12
	1	OFF
	I does	1 74

3.

					4 1363
morning	0,00000	1.0000	1000		0
morning	0 201920	62389	0x019A0	07389	
	0 × 01929	0020 K	OX 019A4	0020 k	
	0×01928	02840	0X019A8	02128	
	0 X0192C	0020 K	0X019AC	0020K	
	6×01930	03189	0 6×0/980	02841	
	0201934	Wack	10×01984	00 20K	
	0x01938	03579	0X019B8	02128	
	0x01973C	0020K	0x019BC	00 20K	1882
	0x019.40	03189	00X019CU	02389	
	0X01944	0020K	0x01904	00 20 K	
	0X01948	02841	0×01908	0 2841	1 14 100
	0x01940	0020K	0x01966	0020K	1
	0X01950	02389	0x019P0	0 31.89	1 1 1 1 1 1
		0020K	0001904	00 20%	1 1 1 1 1 1
	0×019 58	02841	0×019 D8	03579	
	0x01950	0020K	0×019DC	00 404	
	0x019 60	03189	0×019E0	0	
	0×019 64	0020K	'0x019E4	000	
	0 X 0 1 9 68	03579	1 1 1 1 1 7	1	- 14 4 4 4 4
	0x0196C	100 20K			1971-3
	0 x 019 70	03189	CKO.		
	0x01974	10010K	1		W 1998 18
	0 x 0 1 9 78	02841	1		100000
	@ X 0 1 9 7 C	The second secon			
	0 x 0 19 80	03189			B. B. B.
	0X01984	bollok			ALERA ST
	0×019 88	02841			The state of the s
	0×01980				Took !
		02389	a file		BULL TOTAL
	0X01994			Er Carlotte	
	0X01998				10000
	0 x 0199C	The state of the s			A Parket
	1			DE WALL	A Charles
			7		

4. Note C0. Theoretical Hz = 523.3



5.

n	Actual (V)	Theory (V)
0	0.001	0.000
1	0.228	0.220
2	0.452	0.440
3	0.680	0.660
4	0.894	0.880
5	1.122	1.100
6	1.345	1.320
7	1.573	1.540
8	1.725	1.760
9	1.952	1.980
10	2.174	2.200
11	2.401	2.420
12	2.613	2.640
13	2.840	2.860
14	3.062	3.080
15	3.288	3.300

Average resolution (V) 0.219

Average Error 0.61%

Range 15

Precision 4

- 6. a) Interrupt triggered when the NVIC_ST_CURRENT_R changes from 1 to 0
- b) Interrupt vector is stored in the interrupt vector table in startup.s
- c) First, is to finish whatever instruction it was executing. Then, R0-R3, R12, LR, PC, and PSR are pushed onto the stack. Third, the address of the SysTick Handler in the vector table is put into PC and IPSR is set to the vector number (15). Finally, LR is set to 0xFFFFFF9
- d) LR was set to 0xFFFFFF9 which indicates that it's returning from an ISR as opposed to a function and thus, R0-R3, R12, PSR, LR, and PC are to all be popped off the stack.