

# **Hartstone Hard Real Time Benchmark**

## **Benchmark results and comparison**

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**Abstract** This document present the results of running the benchmark oN the STM32F4 Discovery Board (STM32F407VG) and on the Evidence FlexBoard (dsPIC33FJ256MC710), using two different operating systems, Erika RTOS and FreeRTOS. Before presenting the result, the test conditions and the taskset load tuning is explained in detail. In order to set the initial condition for the tests the guidelines explained in "Hartstone Benchmark Results and Analysis (Donohoe, Shapiro, Weiderman 1990)" and "Hartstone: Synthetic Benchmark Requirements for Hard Real-Time Applications (Wiederman, 1989)" has been used.



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## 1 Benchmark Targets

In this section the boards, operating systems and compilers used for running the benchmark are listed. This elements obviously influences the results of the tests. As a matter of fact, some elements determine the results of a benchmark in which is measured, beyond the raw speed of the embedded target, the ability to perform efficiently pre-emptive scheduling, multitasking and time management. The elements that influence the benchmark results can be summarized as:

- Existence of a floating point unit: this influences the execution of the *Whetstone* procedure(i.e. the code of each task involved in the benchmark) and the **raw speed** (that is a measure of the speed).
- Multitasking efficiency of the Operating System
- Implementation of the math library
- Implementation of task periodicity
- Resolution of the system timer (i.e., the rate of clock ticks)
- Floating Point precision
- Compiler

The benchmark has been run on the following configurations:

Embedded Board	RTOS	Compiler
FlexBoard	Erika	MPLAB C30
FlexBoard	FreeRTOS	MPLAB C30
STM32F4 Discovery Board	Erika	GCC
STM32F4 Discovery Board	FreeRTOS	GCC

The main characteristics of the embedded targets are:

- **FlexBoard** : 16-bit architecture, CPU speed of 40MIPS, 256KB of FLASH program memory
- **STM32F4 Discovery** : 32-bit architecture, CPU frequency of 168000 Mhz, Floating Point Unit, 1Mb of flash and 192Kb of SRAM

## 2 Benchmark Tuning

Before running the test, it is important to find the correct workloads for the baseline task set. For a sake of simplicity, each experiment starts from the same baseline task set, in which a *baseline load* is set for the lowest priority task, then the workload is halved and set to the 'nearest' (in terms of priority) higher priority task and so on up to the highest priority task.



In order to compare the boards, the first 'tentative' task set workloads are tuned to be runnable with both the boards. Hence, the workloads used initially are those tuned to obtain a step size less than 6% (the step size is the increment in terms of workload from the i-th test to the (i+1)th test of an experiment).

This statement is not true in the case of Experiment 4: this is due to an error in the task creation in the FreeRTOS/Flexboard case. Experiment 4 is the experiment that increases both the operating system overhead and the global workload adding a task for each new test, with the same frequency and workload as Task 3.

In the MacroExperiment (ME) 1 (a MacroExperiment is a running of the benchmark, with determined workload values) its step size is 11.05%. As far the Discovery Board is concerned, no problem arises and the step size is lower. This is because the step size is expressed as a percentage of the raw speed, and the raw speed for a board with a faster processor is obviously higher. However, 11.05% (on the FlexBoard) is a limit value to perform a common test on the four configurations (FlexBoard/Erika, FlexBoard/FreeRTOS, Discovery/Erika, Discovery/FreeRTOS). This can be proved with the results shown in Table 1, 2.

**Table 1** ME1, FlexBoard/FreeRTOS Experiment 4 Completed

Board: Flex OS: FreeRTOS

Rawspeed: 4635 Step Size: 11.05

Test n:	1	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
Total Util:				55.25				

Test n:	5	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	4	3	3
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
T6	8.00	64.00	512.00	11.05	125	40	0	0
T7	8.00	64.00	512.00	11.05	125	40	0	0
T8	8.00	64.00	512.00	11.05	125	40	0	0
T9	8.00	64.00	512.00	11.05	125	40	0	0
Total Util:				99.45				

**Table 2** FlexBoard/FreeRTOS Experiment 4 with Task Create Error

Board: Flex OS: FreeRTOS

Rawspeed: 4635 Step Size: 10.87

Test n:	1	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	252.00	504.00	10.87	500	10	0	0
T2	4.00	126.00	504.00	10.87	250	20	0	0
T3	8.00	63.00	504.00	10.87	125	40	0	0
T4	16.00	31.00	496.00	10.70	62	81	0	0
T5	32.00	15.00	480.00	10.36	31	162	0	0
Total Util:				53.67				

Test n:	5	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	252.00	504.00	10.87	500	10	0	0
T2	4.00	126.00	504.00	10.87	250	20	0	0
T3	8.00	63.00	504.00	10.87	125	40	0	0
T4	16.00	31.00	496.00	10.70	62	81	0	0
T5	32.00	15.00	480.00	10.36	31	162	0	0
T6	8.00	63.00	504.00	10.87	125	40	0	0
T7	8.00	63.00	504.00	10.87	125	40	0	0
T8	8.00	63.00	504.00	10.87	125	40	0	0
T9	8.00	63.00	504.00	10.87	125	40	0	0
Total Util:				97.15				

Test n: 6 Status: **Error: Create Task**

Starting with a baseline test with a baseline load of 256, it is possible to correctly complete the test. Reducing the baseline load of a small amount, bringing it to 252, the test does not complete anymore and fails due an error in the task creation. In order to improve this aspect, some efforts has been done to reduce the task stack size, that is configurable in FreeRTOS. But unfortunately, the value used in these test is the minimum that guarantees the tasks to run without errors. This value has been decided after a stack size tuning, performed with a trial and error approach. This first result gives the opportunity to perform a first comparison between the Erika OS and FreeRTOS. In 3 it is possible to see that the test completes without errors even in with a baseline load of 128 (and with a really better step size, 5.54%), much lower than 252 that is sufficient to invalidate the test in FreeRTOS!

Counting the number of additional tasks in both cases, it is possible to notice that Erika OS is able to add 13 tasks without any error whereas FreeRTOS tolerates a maximum of 4 additional task. The motivation of this result can be attributed in some differences between the operating systems:

**Table 3** FlexBoard/Erika OS Experiment 4

Board: Flex OS: Erika

Rawspeed: 4620.0000 Step Size: 5.5411

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	128	256.0000	5.5411	500	10	0	0
T2	4.0000	64	256.0000	5.5411	250	20	0	0
T3	8.0000	32	256.0000	5.5411	125	40	0	0
T4	16.0000	16	256.0000	5.5411	62	81	0	0
T5	32.0000	8	256.0000	5.5411	31	162	0	0
Total Util: 27.7055								

Test n: 14 Status: Terminated

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	128	256.0000	5.5411	500	1	5	5
T2	4.0000	64	256.0000	5.5411	250	21	0	0
T3	8.0000	32	256.0000	5.5411	125	41	0	0
T4	16.0000	16	256.0000	5.5411	62	81	0	0
T5	32.0000	8	256.0000	5.5411	31	162	0	0
T6	8.0000	32	256.0000	5.5411	125	41	0	0
T7	8.0000	32	256.0000	5.5411	125	41	0	0
T8	8.0000	32	256.0000	5.5411	125	41	0	0
T9	8.0000	32	256.0000	5.5411	125	41	0	0
T10	8.0000	32	256.0000	5.5411	125	41	0	0
T11	8.0000	32	256.0000	5.5411	125	41	0	0
T12	8.0000	32	256.0000	5.5411	125	41	0	0
T13	8.0000	32	256.0000	5.5411	125	41	0	0
T14	8.0000	32	256.0000	5.5411	125	41	0	0
T15	8.0000	32	256.0000	5.5411	125	41	0	0
T16	8.0000	32	256.0000	5.5411	125	41	0	0
T17	8.0000	32	256.0000	5.5411	125	41	0	0
T18	8.0000	32	256.0000	5.5411	125	40	0	0
Total Util: 99.7398								

1. Erika OS provides a native support for Periodic Tasks, hence the implementation of a single task is more efficient and consumes less memory than in the case of FreeRTOS, in which each task must include in its code the implementation of the periodicity, obtained using the DelayUntil() FreeRTOS API.
2. **Erika OS allows to create tasks with shared stack, whereas FreeRTOS needs to create a private stack for each stack.**

### 3 MacroExperiment 1: a global comparison

As stated before, ME1 tries to compare globally the examined embedded boards and the RTOSes. Hence, the used baseline load is the one related to the FlexBoard, which is the slower. First of all, the baseline tests have been compared. The **baseline test** is the initial test of each experiment, performed with the baseline loads and frequencies. This first comparison is shown in Table. 4. As expected, the **raw speed** of the Discovery board is much higher than the one of the FlexBoard, thus resulting in a lower task set utilization (that is expressed as percentage of the raw speed). The raw speed is the result of a calibration test performed executing for ten seconds the WHETSTONE\_CODE procedure (a C macro).

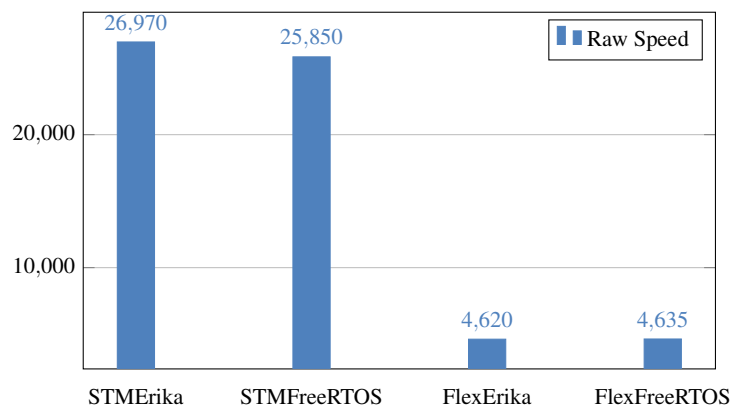


Fig. 1 ME1 : Raw Speed

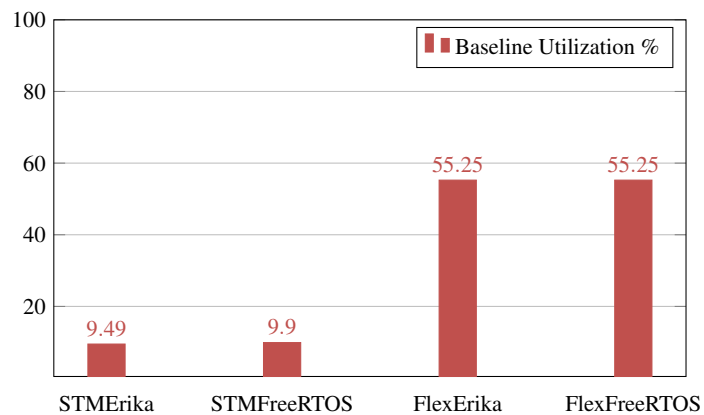


Fig. 2 ME1 : Baseline Utilization %

**Table 4** ME 1 Baseline Test Comparison

Board: STM32F4 OS: Erika

Rawspeed: 26970.0000 Step Size: 1.8984

Test n:	1	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	163	0	0
Total Util:	9.492							

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 0.99

Test n:	1	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
Total Util:	9.9							

Board: Flex OS: Erika

Rawspeed: 4620.0000

Test n:	1	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
Total Util:	55.25							

Board: Flex OS: FreeRTOS

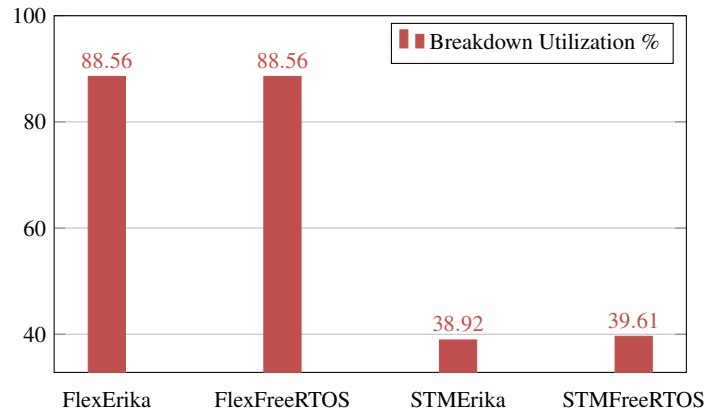
Rawspeed: 4635

Test n:	1	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
Total Util:	55.25							

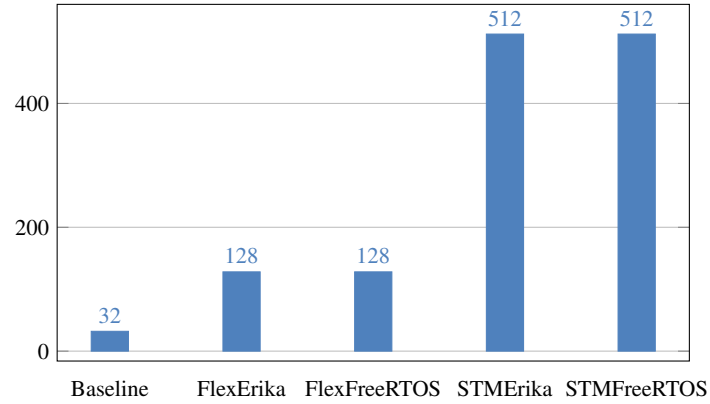
### 3.1 Experiment 1

Experiment 1 increases the global workload and operating system overhead increasing the frequency of the highest frequency task until a deadline is missed. It also tests the system ability to handle a fine granularity of time, and to switch rapidly between tasks. Hence, Experiment 1 can be affected by the clock resolution. In this Experiment the means of comparison is the frequency achieved by the modified task in the last valid (i.e., without deadline miss/skip) test. In Table. 5, 6 the result of this comparison is reported. It is possible to notice that in the STM32F4 case the clock resolution problem occurs : this is due to the fact that the baseline workloads are scaled to reach the maximum utilization in the FlexBoard (that owns the slower processor), in order to make possible the comparison. Indeed, using a baseline workload scaled on the Discovery Board for running the test on the FlexBoard results in meaningless experiments, that starts with a baseline utilization above 200%!

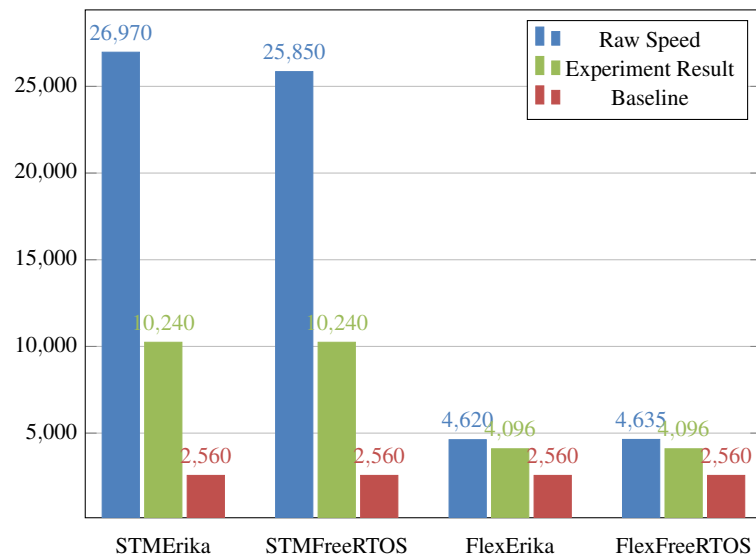
Hence, the competition on the maximum reachable utilization is won by the FlexBoard: but, as stated above, this is an incorrect result obtained due to an "incorrect" baseline workload scaling. In contrast, the breakdown in the FlexBoard case is due to runtime system overhead. However, from Fig. 4, 5 it is possible to notice that in any case the STM32F4 processes more KWIPS (KiloWhetstone per seconds) and that the highest frequency tasks reaches an higher final (in the last experiment) frequency.



**Fig. 3** ME1 : Experiment 1 Breakdown Utilization %



**Fig. 4** ME1 : Experiment 1 Highest Frequency Task(HFT) Frequency



**Fig. 5** ME1 : Experiment 1 Workload

**Table 5** ME 1 Experiment 1 Comparison Discovery Board

Board: STM32F4 OS: Erika

Rawspeed: 26970.0000 Step Size: 0.9492

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.9461	500	11	0	0
T2	4.0000	128	512.0000	1.9461	250	21	0	0
T3	8.0000	64	512.0000	1.9461	125	41	0	0
T4	16.0000	32	512.0000	1.9461	62	81	0	0
T5	512.0000	16	8192.0000	31.1388	1	1	0	0
			Total Util:	38.9232				

Test n: 32 Status: Error: Period too short

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 0.99

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	512.00	16.00	8192.00	31.69	1	5000	0	0
Total Util:	39.61							

Test n: 32 Status: Error: Period too short



**Table 6** ME 1 Experiment 1 Comparison FlexBoard

Board: Flex OS: Erika

Rawspeed: 4625.0000 Step Size: 5.5351

Test n: 7 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	128.0000	16	2048.0000	44.2810	7	715	0	0
Total Util: 88.5618								

Test n: 8 Status: Terminated

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	1	5	5
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	144.0000	16	2304.0000	49.8162	6	834	0	0
Total Util: 94.097								

Board: Flex OS: FreeRTOS

Rawspeed: 4635 Step Size: 5.52

Test n: 7 Status: Running

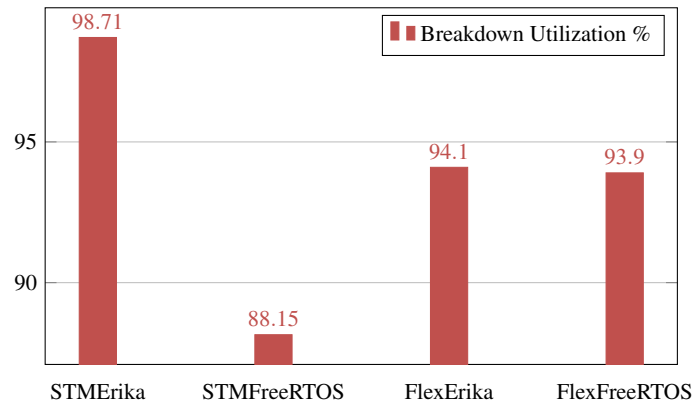
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	128.00	16.00	2048.00	44.19	7	714	0	0
Total Util: 88.39								

Test n: 8 Status: Terminated

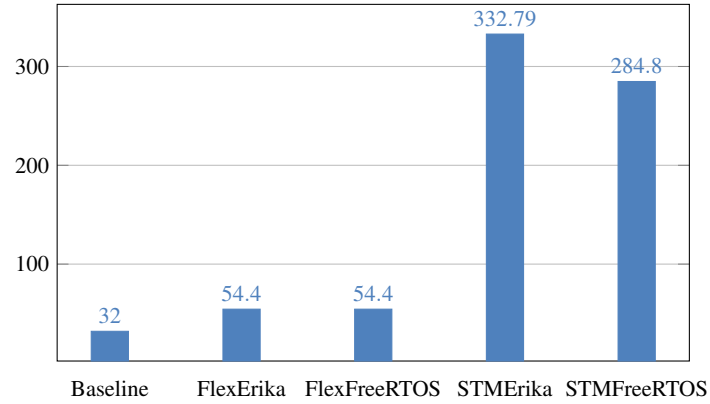
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	0	5	5
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	144.00	16.00	2304.00	49.71	6	833	0	0
Total Util: 93.91								

### 3.2 Experiment 2

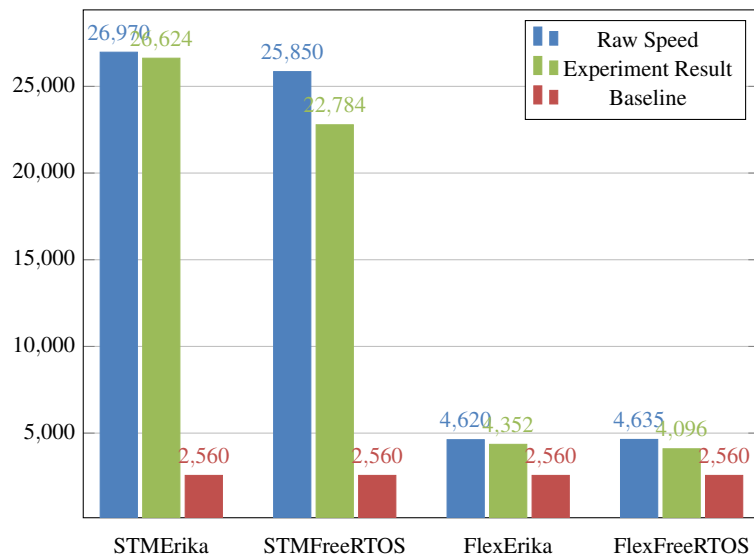
In Experiment 2, the frequencies of **all** the tasks is increased by a factor 1.1, 1.2, 1.3 and so on for each test until at least a deadline miss is obtained. Differently from Experiment 1, the frequency is modified for all the tasks. In this case Task 5 frequency does not reach the very high values of Experiment 1, hence it is possible to avoid the clock resolution error already experienced for the STM32F4 case of Experiment 1. The results shows that both the Operating Systems in the FlexBoard case reaches about the same breakdown utilization, whereas in the Discovery Board case Erika reaches an higher utilization, because FreeRTOS stops the execution of the experiment due to an unique deadline miss in Test 81. From Fig. 7, 8 it is possible to see that the STM32 Boards reaches higher HFT frequencies and total KWIPS. Comparing the operating systems in the FlexBoard case the performances seems to be equivalent, whereas in the Discovery Board case Erika win the competition succeeding in scheduling an higher workload.



**Fig. 6** ME1 : Experiment 2 Breakdown Utilization %



**Fig. 7** ME1 : Experiment 2 Highest Frequency Task(HFT) Frequency



**Fig. 8** ME1 : Experiment 2 Workload

**Table 7** ME 1 Experiment 2 Comparison Discovery Board

Board: STM32F4 OS: Erika

Rawspeed: 26970.0000 Step Size: 0.9492

Test n:	95	Status:	Running						
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip	
T1	20.7999	256	5324.7998	19.7434	48	105	0	0	
T2	41.5999	128	5324.7998	19.7434	24	209	0	0	
T3	83.1999	64	5324.7998	19.7434	12	417	0	0	
T4	166.3999	32	5324.7998	19.7434	6	834	0	0	
T5	332.7999	16	5324.7998	19.7434	3	1667	0	0	
Total Util:	98.717								

Test n:	96	Status:	Terminated						
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip	
T1	21.0000	256	5376.0000	19.9332	47	1	24	82	
T2	42.0000	128	5376.0000	19.9332	23	190	14	14	
T3	84.0000	64	5376.0000	19.9332	11	455	0	0	
T4	168.0000	32	5376.0000	19.9332	5	1000	0	0	
T5	336.0000	16	5376.0000	19.9332	2	2500	0	0	
Total Util:	99.666								

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 0.99

Test n:	80	Status:	Running						
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip	
T1	17.80	256.00	4556.80	17.63	56	89	0	0	
T2	35.60	128.00	4556.80	17.63	28	179	0	0	
T3	71.20	64.00	4556.80	17.63	14	357	0	0	
T4	142.40	32.00	4556.80	17.63	7	715	0	0	
T5	284.80	16.00	4556.80	17.63	3	1667	0	0	
Total Util:	88.15								

Test n:	81	Status:	Terminated						
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip	
T1	18.00	256.00	4608.00	17.83	55	89	1	0	
T2	36.00	128.00	4608.00	17.83	27	185	0	0	
T3	72.00	64.00	4608.00	17.83	13	385	0	0	
T4	144.00	32.00	4608.00	17.83	6	834	0	0	
T5	288.00	16.00	4608.00	17.83	3	1667	0	0	
Total Util:	89.15								

**Table 8** ME 1 Experiment 2 Comparison FlexBoard

Board: Flex OS: Erika

Rawspeed: 4625.0000 Step Size: 5.5351

Test n: 8 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.4000	256	870.4000	18.8194	294	18	0	0
T2	6.8000	128	870.4000	18.8194	147	35	0	0
T3	13.6000	64	870.4000	18.8194	73	70	0	0
T4	27.2000	32	870.4000	18.8194	36	140	0	0
T5	54.4000	16	870.4000	18.8194	18	279	0	0
Total Util: 94.097								

Test n: 9 Status: Terminated

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.5999	256	921.5999	19.9264	277	1	9	9
T2	7.1999	128	921.5999	19.9264	138	37	0	0
T3	14.3999	64	921.5999	19.9264	69	73	0	0
T4	28.7999	32	921.5999	19.9264	34	147	0	0
T5	57.5999	16	921.5999	19.9264	17	294	0	0
Total Util: 99.632								

Board: Flex OS: FreeRTOS

Rawspeed: 4635 Step Size: 5.52

Test n: 8 Status: Running

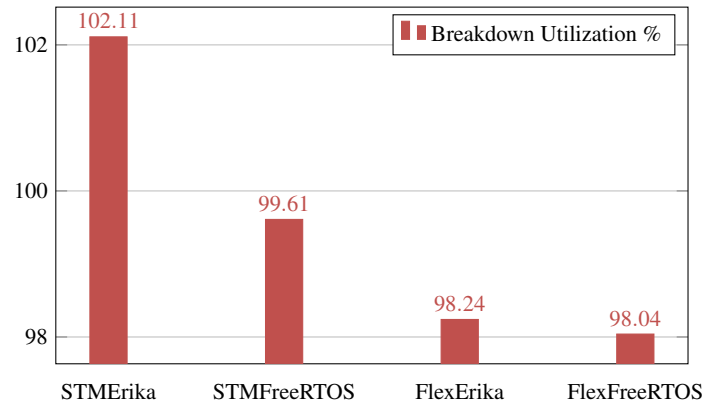
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.40	256.00	870.40	18.78	294	17	0	0
T2	6.80	128.00	870.40	18.78	147	34	0	0
T3	13.60	64.00	870.40	18.78	73	69	0	0
T4	27.20	32.00	870.40	18.78	36	139	0	0
T5	54.40	16.00	870.40	18.78	18	278	0	0
Total Util: 93.9								

Test n: 9 Status: Terminated

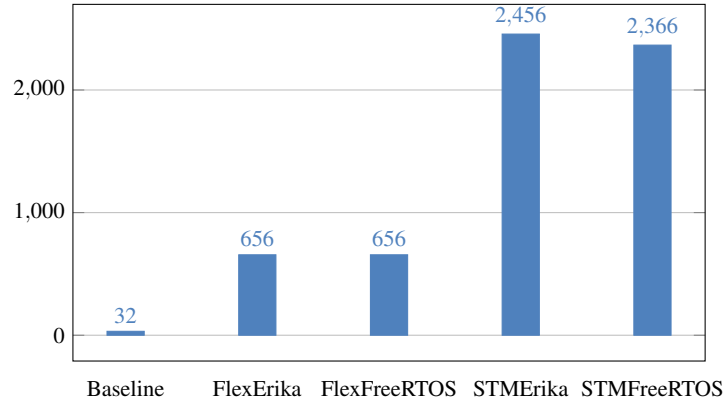
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.60	256.00	921.60	19.88	277	0	9	9
T2	7.20	128.00	921.60	19.88	138	36	0	0
T3	14.40	64.00	921.60	19.88	69	73	0	0
T4	28.80	32.00	921.60	19.88	34	147	0	0
T5	57.60	16.00	921.60	19.88	17	294	0	0
Total Util: 99.4								

### 3.3 Experiment 3

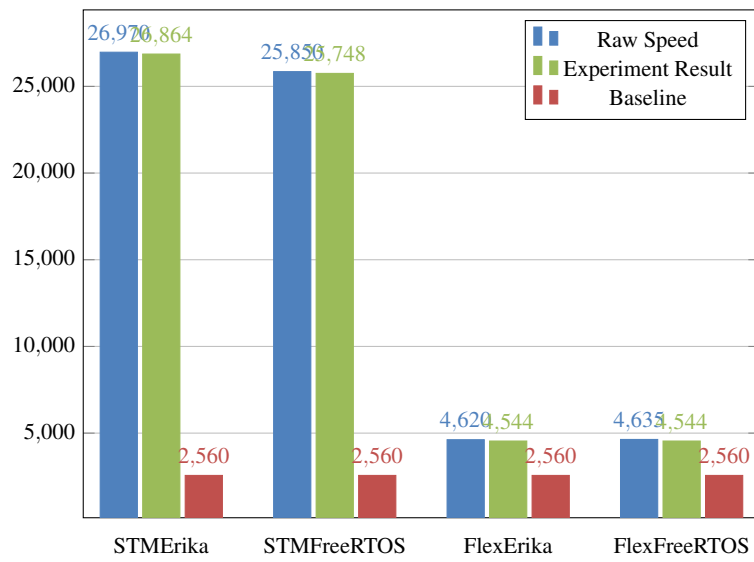
In Experiment 3, the workload of each task is increased by a defined amount of Kilo-Whetstone per period for each test until a deadline is missed, thus increasing the total workload rate without increasing the system overhead. The lack of increment in the system overhead allows to reach an higher utilization in this Experiment. In fact, it is possible to notice breakdown utilizations even above 100%. This is due to the fact the the raw speed is a rough approximation of the board/OS speed. From the results arises the usual difference between the boards, that in any case succeed in reaching their maximum utilization, Conversely, no relevant differences are detected from the OS point of view, perhaps because this Experiment involves less the operating system performances than Experiment 1 and 2.



**Fig. 9** ME1 : Experiment 3 Breakdown Utilization %



**Fig. 10** ME1 : Experiment 3 Total Kilo-Whetstone per period



**Fig. 11** ME1 : Experiment 3 Workload

**Table 9** ME 1 Experiment 3 Comparison Discovery Board

Board:	STM32F4		OS:	Erika				
Rawspeed:	26308.0000		Step Size:	0.4713				
Test n:	196		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	648	1296.0000	4.9262	500	11	0	0
T2	4.0000	520	2080.0000	7.9063	250	21	0	0
T3	8.0000	456	3648.0000	13.8665	125	41	0	0
T4	16.0000	424	6784.0000	25.7868	62	81	0	0
T5	32.0000	408	13056.0000	49.6274	31	162	0	0
			Total Util:	102.113				
Test n:	197		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	650	1300.0000	4.9414	500	1	5	5
T2	4.0000	522	2088.0000	7.9367	250	21	0	0
T3	8.0000	458	3664.0000	13.9273	125	41	0	0
T4	16.0000	426	6816.0000	25.9084	62	81	0	0
T5	32.0000	410	13120.0000	49.8707	31	162	0	0
			Total Util:	102.585				
Board:	STM32F4		OS:	FreeRTOS				
Rawspeed:	25850		Step Size:	0.48				
Test n:	188		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	630.00	1260.00	4.87	500	10	0	0
T2	4.00	502.00	2008.00	7.77	250	20	0	0
T3	8.00	438.00	3504.00	13.56	125	40	0	0
T4	16.00	406.00	6496.00	25.13	62	81	0	0
T5	32.00	390.00	12480.00	48.28	31	161	0	0
			Total Util:	99.61				
Test n:	189		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	632.00	1264.00	4.89	500	0	5	5
T2	4.00	504.00	2016.00	7.80	250	20	0	0
T3	8.00	440.00	3520.00	13.62	125	40	0	0
T4	16.00	408.00	6528.00	25.25	62	81	0	0
T5	32.00	392.00	12544.00	48.53	31	161	0	0
			Total Util:	100.09				



**Table 10** ME 1 Experiment 3 Comparison FlexBoard

Board: Flex OS: Erika

Rawspeed: 4625.0000 Step Size: 2.6810

Test n:	17	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	288	576.0000	12.4540	500	11	0	0
T2	4.0000	160	640.0000	13.8378	250	21	0	0
T3	8.0000	96	768.0000	16.6054	125	41	0	0
T4	16.0000	64	1024.0000	22.1405	62	81	0	0
T5	32.0000	48	1536.0000	33.2108	31	162	0	0
Total Util:	98.2485							

Test n:	18	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	290	580.0000	12.5405	500	1	5	5
T2	4.0000	162	648.0000	14.0108	250	21	0	0
T3	8.0000	98	784.0000	16.9513	125	41	0	0
T4	16.0000	66	1056.0000	22.8324	62	81	0	0
T5	32.0000	50	1600.0000	34.5945	31	162	0	0
Total Util:	100.93							

Board: Flex OS: FreeRTOS

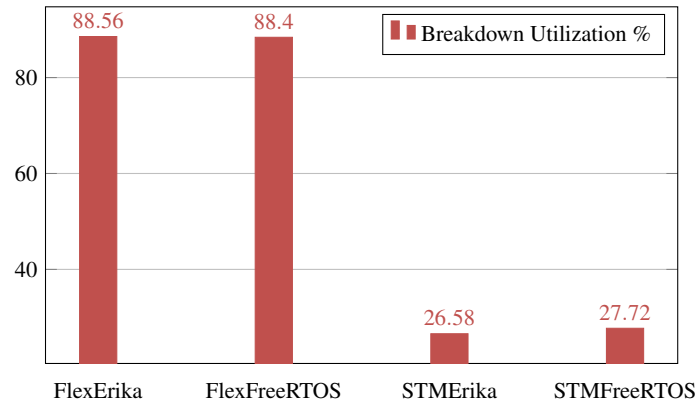
Rawspeed: 4635      Step Size: 2.68

Test n: Task	17 Frequency	Status: KWPP	Running KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	288.00	576.00	12.43	500	10	0	0
T2	4.00	160.00	640.00	13.81	250	20	0	0
T3	8.00	96.00	768.00	16.57	125	40	0	0
T4	16.00	64.00	1024.00	22.09	62	81	0	0
T5	32.00	48.00	1536.00	33.14	31	161	0	0
Total Util:	98.04							

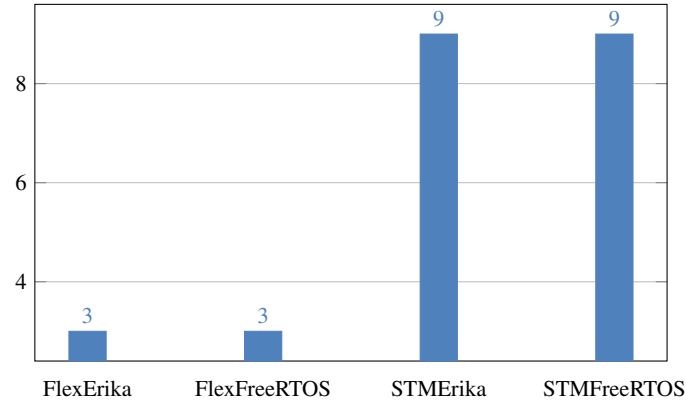
Test n:	18	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	290.00	580.00	12.51	500	0	5	5
T2	4.00	162.00	648.00	13.98	250	20	0	0
T3	8.00	98.00	784.00	16.91	125	40	0	0
T4	16.00	66.00	1056.00	22.78	62	81	0	0
T5	32.00	50.00	1600.00	34.52	31	161	0	0
Total Util:	100.7							

### 3.4 Experiment 4

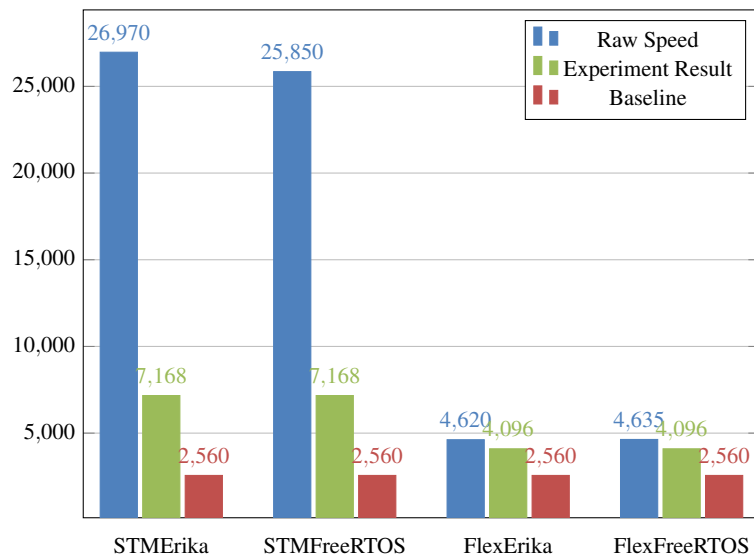
In Experiment 4, both the overhead and the tasks' workload are increased. This is done adding a new task for each test, with the same priority and workload of Task 3. It also increases the amount of blocking due to preemption of the task set. This experiment tests the system ability to handle a large amount of task. However, to make the Experiment feasible, it is necessary to bound the maximum number of task that is possible to add, since for instance in Erika the creation of a task must be declared statically in the OIL file. For this reason, the step size of this Experiment has been tuned to terminate without errors the test in the worst configuration (in terms of performances), i.e. FlexBoard with FreeRTOS. In the Discovery Board case, the bound to the number of tasks is set to 9. The results shows that the STM32F4 Discovery Board terminates reaching the maximum additional tasks bound, whereas the FlexBoard terminates with deadline miss/skip. Although the FlexBoard has a better % utilization (only because the step sizes are tailored for the FlexBoard), the Discovery board allows to create more tasks and to process more KWIPS. As far the operating systems are concerned, no differences has been noticed in ME1, but examining the results of Table. 2, 3 (already presented in Section. 2) it possible to observe that FreeRTOS allows to create a lesser number of tasks than Erika. This is probably because Erika uses a shared stack for all the tasks, whereas FreeRTOS creates a stack for each task. The result of this micro-experiment are summarized in Fig. 15, in which the FlexBoard version terminates for deadline misses, skipped, whereas the Discovery Board version only reaches the tasks number bound.



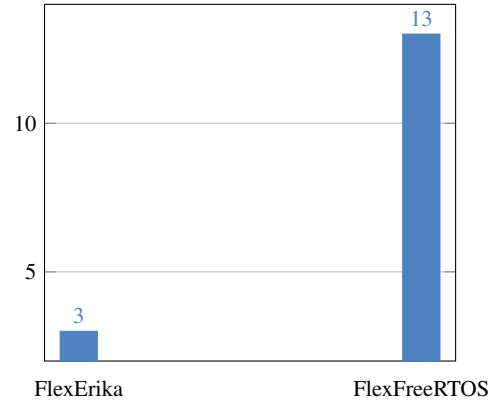
**Fig. 12** ME1 : Experiment 4 Breakdown Utilization %



**Fig. 13** ME1 : Experiment 4 Number of tasks added



**Fig. 14** ME1 : Experiment 4 Workload



**Fig. 15** Experiment 4 Operating System Comparison

**Table 11** ME 1 Experiment 4 Erika Discovery Board

Board: STM32F4 OS: Erika

Rawspeed: 26970.0000 Step Size: 1.8984

Test n: Task	10 Frequency	Status: KWPP	Running KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	41	0	0
T7	8.0000	64	512.0000	1.8984	125	41	0	0
T8	8.0000	64	512.0000	1.8984	125	41	0	0
T9	8.0000	64	512.0000	1.8984	125	41	0	0
T10	8.0000	64	512.0000	1.8984	125	41	0	0
T11	8.0000	64	512.0000	1.8984	125	41	0	0
T12	8.0000	64	512.0000	1.8984	125	41	0	0
T13	8.0000	64	512.0000	1.8984	125	41	0	0
T14	8.0000	64	512.0000	1.8984	125	40	0	0
Total Util: 26.5776								

Test n: 11 Status: Error: Create Task

**Table 12** ME 1 Experiment 4 FreeRTOS Discovery Board

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 1.98

Test n: Task	10 Frequency	Status: KWPP	Running KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0
T7	8.00	64.00	512.00	1.98	125	40	0	0
T8	8.00	64.00	512.00	1.98	125	40	0	0
T9	8.00	64.00	512.00	1.98	125	40	0	0
T10	8.00	64.00	512.00	1.98	125	40	0	0
T11	8.00	64.00	512.00	1.98	125	40	0	0
T12	8.00	64.00	512.00	1.98	125	40	0	0
T13	8.00	64.00	512.00	1.98	125	40	0	0
T14	8.00	64.00	512.00	1.98	125	40	0	0
Total Util: 27.72								

Test n: 11 Status: Error: Create Task

**Table 13** ME 1 Experiment 4 Erika FlexBoard

Board: Flex OS: Erika

Rawspeed: 4625.0000 Step Size: 11.0702

Test n:	4	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	32.0000	16	512.0000	11.0702	31	162	0	0
T6	8.0000	64	512.0000	11.0702	125	41	0	0
T7	8.0000	64	512.0000	11.0702	125	41	0	0
T8	8.0000	64	512.0000	11.0702	125	40	0	0
Total Util:				88.5616				

Test n:	5	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	5	3	3
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	32.0000	16	512.0000	11.0702	31	162	0	0
T6	8.0000	64	512.0000	11.0702	125	41	0	0
T7	8.0000	64	512.0000	11.0702	125	41	0	0
T8	8.0000	64	512.0000	11.0702	125	41	0	0
T9	8.0000	64	512.0000	11.0702	125	40	0	0
Total Util:				99.6318				

**Table 14** ME 1 Experiment 4 FreeRTOS FlexBoard

Board: Flex OS: FreeRTOS

Rawspeed: 4635 Step Size: 11.05

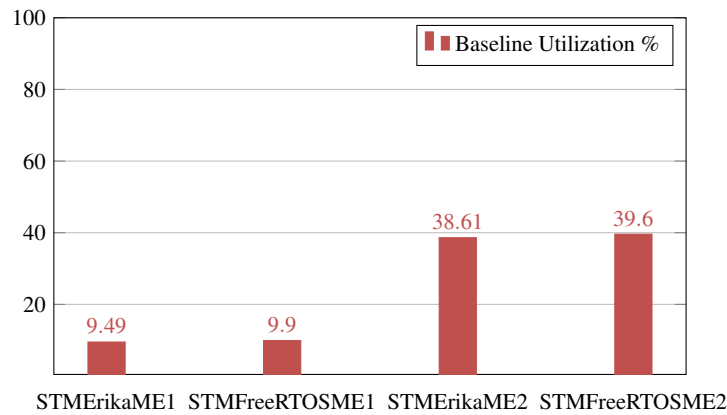
Test n:	4	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
T6	8.00	64.00	512.00	11.05	125	40	0	0
T7	8.00	64.00	512.00	11.05	125	40	0	0
T8	8.00	64.00	512.00	11.05	125	40	0	0
Total Util:				88.4				

Test n:	5	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	4	3	3
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
T6	8.00	64.00	512.00	11.05	125	40	0	0
T7	8.00	64.00	512.00	11.05	125	40	0	0
T8	8.00	64.00	512.00	11.05	125	40	0	0
T9	8.00	64.00	512.00	11.05	125	40	0	0
Total Util:				99.45				



## 4 MacroExperiment 2: STM32F4 comparison

In this section, the results of a second run of the benchmark on the STM32F4 board are presented. This second execution uses baseline workloads tuned to reach the maximum utilization in the Discovery Board case, without considering the FlexBoard. Indeed, MacroExperiment 1 has been done with loads tailored for the FlexBoard, that has a lower raw speed than the Discovery Board. ME2 is not run on the FlexBoard because the used loads would lead to a baseline utilization above 100%. In Table. 16 the baseline test is reported. It is possible to see that the baseline workload of the lower priority tasks (KWPP, Kilo-Whetstone per period) is incremented from 256 of ME1 to 1024. As it is possible to notice comparing this results with those of ME1, in this case all the experiments starts with an higher utilization.



**Fig. 16** ME1 : Baseline Utilization %

**Table 15** ME 2 Baseline Test Discovery

Board: STM32F4 OS: Erika

Rawspeed: 26520.0000

Test n:	1		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	163	0	0
			Total Util:	38.612				

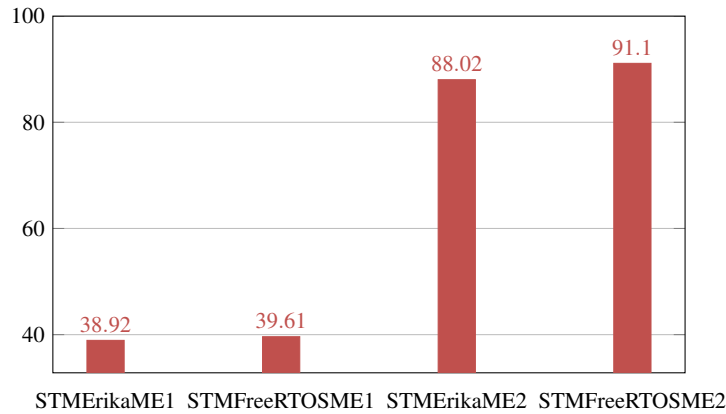
Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850

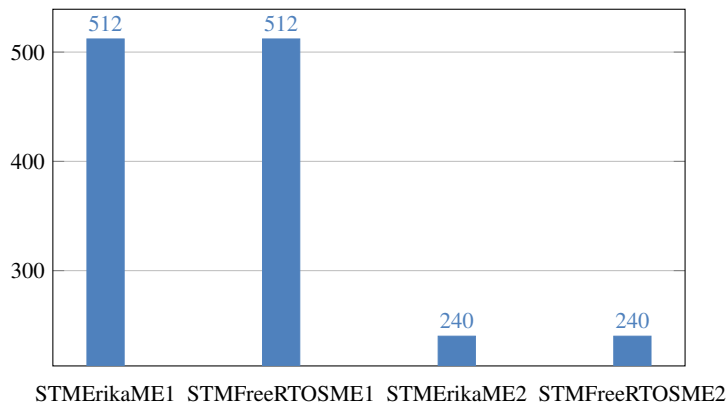
Test n:	1		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
			Total Util:	39.6				

### 4.1 Experiment 1

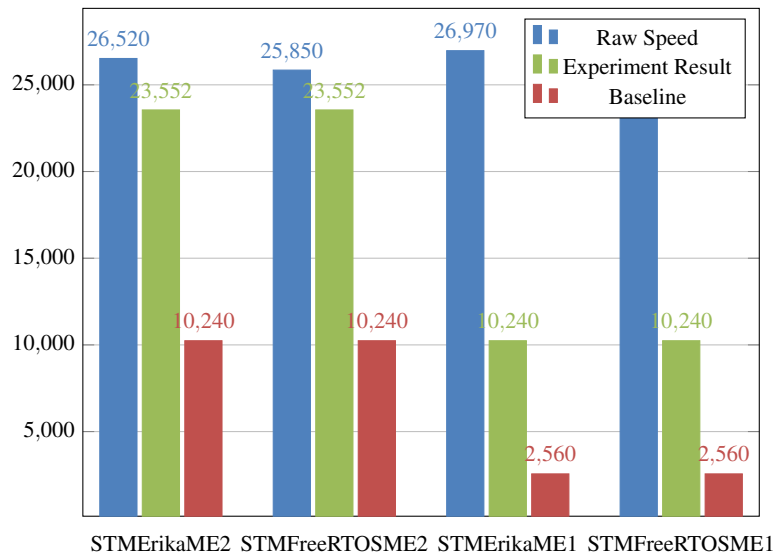
In ME2, the Experiment 1 does not incur in the clock resolution problem as happens in ME1: this is because the higher baseline workload allows to reach the breakdown utilization with less tests (and then with a lower maximum frequency for the HFT). Hence, in this case it is possible to reach an higher utilization and then to process more KWIPS before the breakdown. Comparing the operating systems, the performances are very similar: the difference in terms of % utilization is only due the difference in the raw speed values, whereas the processed KWIPS are the same. These results are shown in Table. 17, 18, 19.



**Fig. 17** ME2 : Experiment 1 Breakdown Utilization %



**Fig. 18** ME2 : Experiment 1 Highest Frequency Task(HFT) Frequency



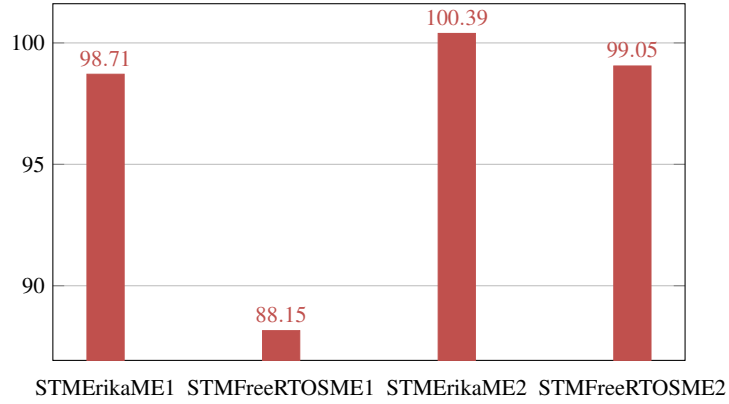
**Fig. 19** ME2 : Experiment 1 Workload

**Table 16** ME 2 Experiment 1 Discovery

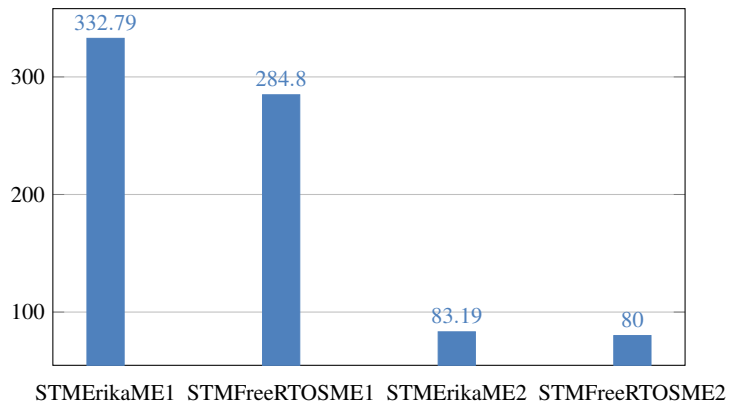
Board:	STM32F4		OS:	Erika				
Rawspeed:	26520.0000		Step Size:	3.8612				
Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	240.0000	64	15360.0000	57.9185	4	1251	0	0
			Total Util:	88.8081				
Test n:	15		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	1	2	8
T2	4.0000	512	2048.0000	7.7224	250	1	10	10
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	256.0000	64	16384.0000	61.7797	3	1667	0	0
			Total Util:	92.6693				
Board:	STM32F4		OS:	FreeRTOS				
Rawspeed:	25850		Step Size:	3.96				
Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	240.00	64.00	15360.00	59.42	4	1250	0	0
			Total Util:	91.1				
Test n:	15		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	0	1	9
T2	4.00	512.00	2048.00	7.92	250	0	4	16
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	256.00	64.00	16384.00	63.38	3	1666	0	0
			Total Util:	95.06				

## 4.2 Experiment 2

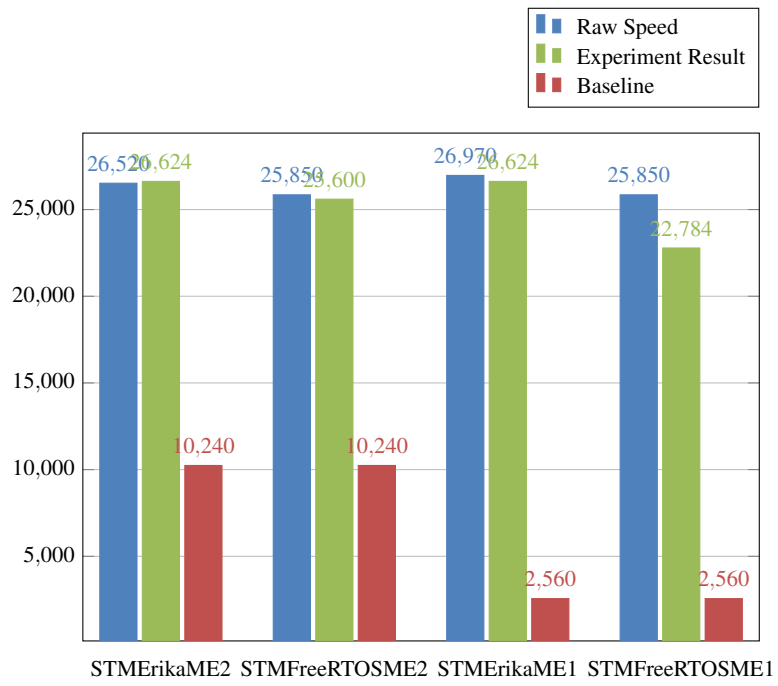
The results of the ME2 Experiment 2 reflects those already seen in Experiment 1. The Erika OS version seems to perform better, reaching an higher utilization than FreeRTOS and processing more KWIPS(26624 for Erika, 25600 for FreeRTOS). As it has already observed for ME2 Experiment 1, with the incremented baseline workload the HFT frequency results lower than in ME1 Experiment 1.



**Fig. 20** ME2 : Experiment 2 Breakdown Utilization %



**Fig. 21** ME2 : Experiment 2 Highest Frequency Task(HFT) Frequency



**Fig. 22** ME2 : Experiment 2 Workload

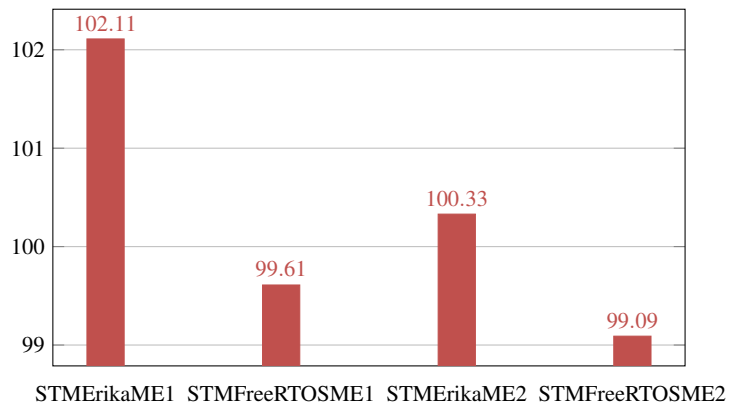
**Table 17** ME 2 Experiment 2 Discovery

Board:	STM32F4		OS:	Erika				
Rawspeed:	26520.0000		Step Size:	3.8612				
Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.1999	1024	5324.7998	20.0784	192	27	0	0
T2	10.3999	512	5324.7998	20.0784	96	53	0	0
T3	20.7999	256	5324.7998	20.0784	48	105	0	0
T4	41.5999	128	5324.7998	20.0784	24	210	0	0
T5	83.1999	64	5324.7998	20.0784	12	417	0	0
			Total Util:	100.392				
Test n:	18		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.4000	1024	5529.6000	20.8506	185	1	13	14
T2	10.8000	512	5529.6000	20.8506	92	55	0	0
T3	21.6000	256	5529.6000	20.8506	46	110	0	0
T4	43.2000	128	5529.6000	20.8506	23	218	0	0
T5	86.4000	64	5529.6000	20.8506	11	455	0	0
			Total Util:	104.253				
Board:	STM32F4		OS:	FreeRTOS				
Rawspeed:	25850		Step Size:	3.96				
Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.00	1024.00	5120.00	19.81	200	25	0	0
T2	10.00	512.00	5120.00	19.81	100	50	0	0
T3	20.00	256.00	5120.00	19.81	50	100	0	0
T4	40.00	128.00	5120.00	19.81	25	200	0	0
T5	80.00	64.00	5120.00	19.81	12	417	0	0
			Total Util:	99.05				
Test n:	17		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.20	1024.00	5324.80	20.60	192	0	13	13
T2	10.40	512.00	5324.80	20.60	96	52	0	0
T3	20.80	256.00	5324.80	20.60	48	104	0	0
T4	41.60	128.00	5324.80	20.60	24	209	0	0
T5	83.20	64.00	5324.80	20.60	12	417	0	0
			Total Util:	103				

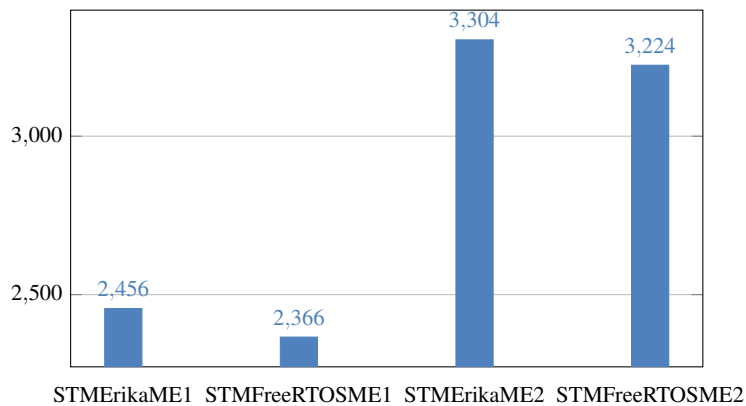


### 4.3 Experiment 3

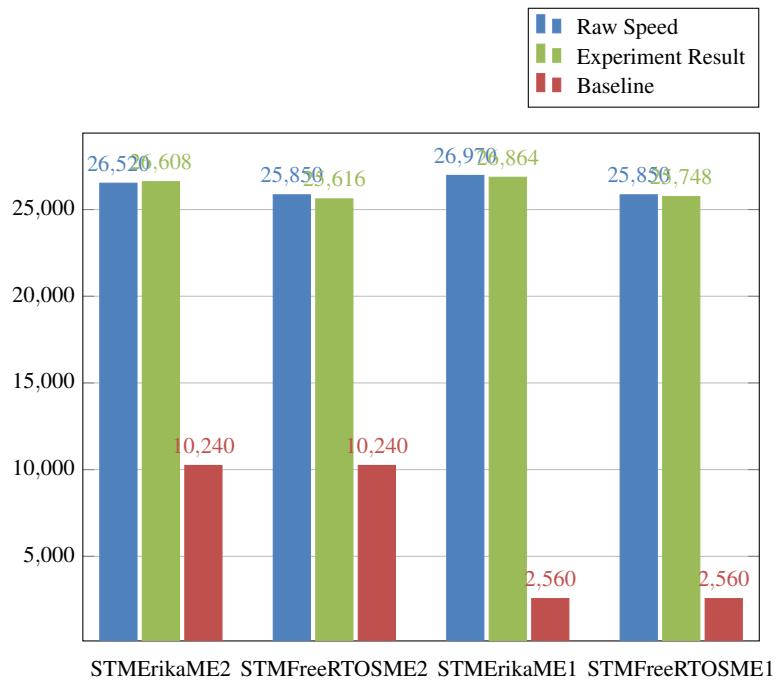
In ME2 Experiment 3, as already observed in ME1, Erika OS seems to perform a little bit better than FreeRTOS. Indeed, it is possible to notice an higher breakdown utilization and more processed KWIPS. Comparing the KWPP (Kilo-Whetstone per period) in the two MEs, these parameters results much higher in ME2, where the baseline loads and the Experiment 3 load increment (in KWPP) is tuned for the STM32F4.



**Fig. 23** ME2 : Experiment 3 Breakdown Utilization %



**Fig. 24** ME2 : Experiment 3 Total Kilo-Whetstone per period



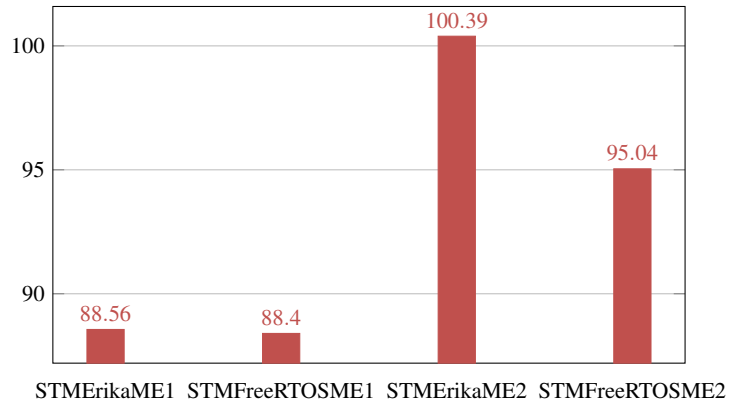
**Fig. 25** ME2 : Experiment 2 Workload

**Table 18** ME 2 Experiment 3 Discovery

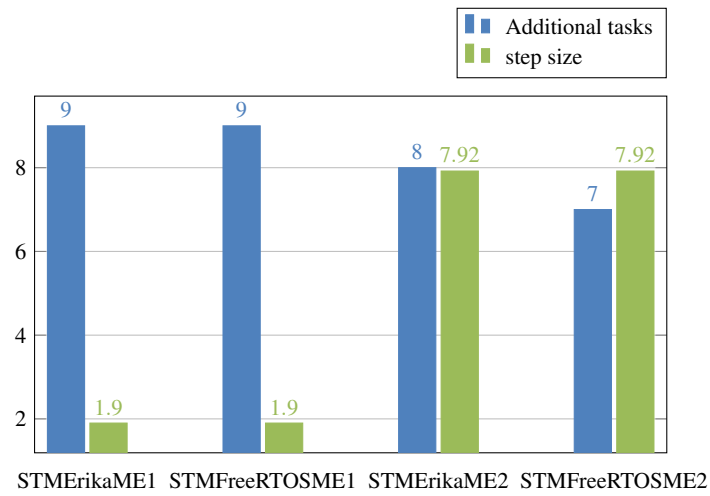
Board:	STM32F4		OS:	Erika				
Rawspeed:	26520.0000		Step Size:	1.8702				
Test n:	34		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1288	2576.0000	9.7134	500	11	0	0
T2	4.0000	776	3104.0000	11.7043	250	21	0	0
T3	8.0000	520	4160.0000	15.6862	125	41	0	0
T4	16.0000	392	6272.0000	23.6500	62	81	0	0
T5	32.0000	328	10496.0000	39.5776	31	162	0	0
			Total Util:	100.331				
Test n:	35		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1296	2592.0000	9.7737	500	1	5	5
T2	4.0000	784	3136.0000	11.8250	250	21	0	0
T3	8.0000	528	4224.0000	15.9276	125	41	0	0
T4	16.0000	400	6400.0000	24.1327	62	81	0	0
T5	32.0000	336	10752.0000	40.5429	31	162	0	0
			Total Util:	102.202				
Board:	STM32F4		OS:	FreeRTOS				
Rawspeed:	25850		Step Size:	1.92				
Test n:	32		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1272.00	2544.00	9.84	500	10	0	0
T2	4.00	760.00	3040.00	11.76	250	20	0	0
T3	8.00	504.00	4032.00	15.60	125	40	0	0
T4	16.00	376.00	6016.00	23.27	62	81	0	0
T5	32.00	312.00	9984.00	38.62	31	161	0	0
			Total Util:	99.09				
Test n:	33		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1280.00	2560.00	9.90	500	0	5	5
T2	4.00	768.00	3072.00	11.88	250	20	0	0
T3	8.00	512.00	4096.00	15.85	125	40	0	0
T4	16.00	384.00	6144.00	23.77	62	81	0	0
T5	32.00	320.00	10240.00	39.61	31	161	0	0
			Total Util:	101.01				

#### 4.4 Experiment 4

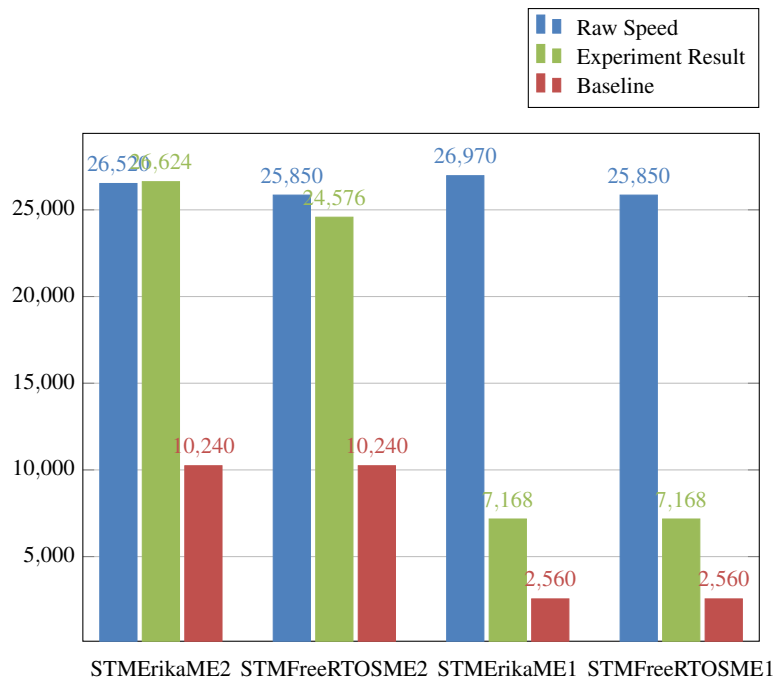
In ME2 Experiment 4 it is possible to reach higher utilizations than ME1 Experiment 4. This is shown in Table. 26, 27, 28. The motivation of the higher utilization and of the more KWIPS processed by the task set consists in higher baseline workload and step size, that allows to reach the breakdown utilization adding less tasks, since each task has an higher workload than ME1 Experiment 4. As far the operating systems are concerned, even in this case Erika OS seems to perform a little bit better than FreeRTOS, processing more KWIPS.



**Fig. 26** ME2 : Experiment 4 Breakdown Utilization %



**Fig. 27** ME1 : Experiment 4 Number of tasks added and step size



**Fig. 28** ME2 : Experiment 4 Workload

**Table 19** ME 2 Experiment 4 Discovery Erika

Board: STM32F4 OS: Erika

Rawspeed: 26520.0000 Step Size: 7.7224

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	41	0	0
T7	8.0000	256	2048.0000	7.7224	125	41	0	0
T8	8.0000	256	2048.0000	7.7224	125	41	0	0
T9	8.0000	256	2048.0000	7.7224	125	41	0	0
T10	8.0000	256	2048.0000	7.7224	125	41	0	0
T11	8.0000	256	2048.0000	7.7224	125	41	0	0
T12	8.0000	256	2048.0000	7.7224	125	41	0	0
T13	8.0000	256	2048.0000	7.7224	125	40	0	0
				Total Util:	100.391			

Test n:	10		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	1	1	9
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	41	0	0
T7	8.0000	256	2048.0000	7.7224	125	41	0	0
T8	8.0000	256	2048.0000	7.7224	125	41	0	0
T9	8.0000	256	2048.0000	7.7224	125	41	0	0
T10	8.0000	256	2048.0000	7.7224	125	41	0	0
T11	8.0000	256	2048.0000	7.7224	125	41	0	0
T12	8.0000	256	2048.0000	7.7224	125	41	0	0
T13	8.0000	256	2048.0000	7.7224	125	41	0	0
T14	8.0000	256	2048.0000	7.7224	125	40	0	0
				Total Util:	108.114			

**Table 20** ME 2 Experiment 4 Discovery FreeRTOS

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 7.92

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
T7	8.00	256.00	2048.00	7.92	125	40	0	0
T8	8.00	256.00	2048.00	7.92	125	40	0	0
T9	8.00	256.00	2048.00	7.92	125	40	0	0
T10	8.00	256.00	2048.00	7.92	125	40	0	0
T11	8.00	256.00	2048.00	7.92	125	40	0	0
T12	8.00	256.00	2048.00	7.92	125	40	0	0
Total Util:				95.04				

Test n:	9		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	0	5	5
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
T7	8.00	256.00	2048.00	7.92	125	40	0	0
T8	8.00	256.00	2048.00	7.92	125	40	0	0
T9	8.00	256.00	2048.00	7.92	125	40	0	0
T10	8.00	256.00	2048.00	7.92	125	40	0	0
T11	8.00	256.00	2048.00	7.92	125	40	0	0
T12	8.00	256.00	2048.00	7.92	125	40	0	0
T13	8.00	256.00	2048.00	7.92	125	40	0	0
Total Util:				102.96				

## 5 Conclusions

The comparison between the combination FlexBoard/ErikaOS, FlexBoard/FreeRTOS, Discovery Board/ErikaOS and Discovery/FreeRTOS provide the Discovery Board/ErikaOS as winner. Indeed, the STM32F4 is much faster than the FlexBoard while the operating systems are more or less equivalent in terms of performances. However, the benchmark results put in evidence that sometimes Erika OS allows to process more KWIPS and to reach higher utilizations, whereas the contrary never happens. Moreover, the opportunity to use a shared task for the Erika tasks gives a great advantages in the Experiment 4, where more tasks can be added without errors.



## **6 Appendix: Complete Benchmark Results**

In this section, the whole results of the MEs are reported. The results are in the following order:

- ME1 is before ME2
- In a MacroExperiment, the order is: STM32F4/Erika, STM32F4/FreeRTOS, FlexBoard/Erika, FlexBoard/FreeRTOS.
- Finally, the experiments are listed in order, from 1 to 4.

**Board: STM32F4**

**OS: Erika**

**Rawspeed: 26970.0000**

**Step Size: 0.9492**

Test n: 1                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	10	0	0
T2	4.0000	128	512.0000	1.8984	250	20	0	0
T3	8.0000	64	512.0000	1.8984	125	40	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0

**Total Util: 9.492**

Test n: 2                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	48.0000	16	768.0000	2.8476	20	250	0	0

**Total Util: 10.4412**

Test n: 3                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	64.0000	16	1024.0000	3.7968	15	335	0	0

**Total Util: 11.3904**

Test n: 4                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	80.0000	16	1280.0000	4.7460	12	417	0	0

**Total Util: 12.3396**

Test n: 5                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	96.0000	16	1536.0000	5.6952	10	500	0	0

**Total Util: 13.2888**

Test n: 6                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	112.0000	16	1792.0000	6.6444	8	626	0	0
<b>Total Util: 14.238</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	128.0000	16	2048.0000	7.5936	7	716	0	0
<b>Total Util: 15.1872</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	144.0000	16	2304.0000	8.5428	6	834	0	0
<b>Total Util: 16.1364</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	160.0000	16	2560.0000	9.4920	6	834	0	0
<b>Total Util: 17.0856</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	176.0000	16	2816.0000	10.4412	5	1000	0	0
<b>Total Util: 18.0348</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0

T5	192.0000	16	3072.0000	11.3904	5	1001	0	0
<b>Total Util: 18.984</b>								

Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	208.0000	16	3328.0000	12.3396	4	1251	0	0
<b>Total Util: 19.9332</b>								

Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	224.0000	16	3584.0000	13.2888	4	1251	0	0
<b>Total Util: 20.8824</b>								

Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	240.0000	16	3840.0000	14.2380	4	1251	0	0
<b>Total Util: 21.8316</b>								

Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	256.0000	16	4096.0000	15.1872	3	1668	0	0
<b>Total Util: 22.7808</b>								

Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	272.0000	16	4352.0000	16.1364	3	1667	0	0
<b>Total Util: 23.73</b>								

Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	288.0000	16	4608.0000	17.0856	3	1667	0	0

**Total Util: 24.6792**

Test n:	18		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	304.0000	16	4864.0000	18.0348	3	1667	0	0

**Total Util: 25.6284**

Test n:	19		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	320.0000	16	5120.0000	18.9840	3	1667	0	0

**Total Util: 26.5776**

Test n:	20		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	336.0000	16	5376.0000	19.9332	2	2500	0	0

**Total Util: 27.5268**

Test n:	21		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	352.0000	16	5632.0000	20.8824	2	2501	0	0

**Total Util: 28.476**

Test n:	22		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	368.0000	16	5888.0000	21.8316	2	2501	0	0

**Total Util: 29.4252**

Test n:	23	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	384.0000	16	6144.0000	22.7808	2	2501	0	0

**Total Util: 30.3744**

Test n:	24	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	400.0000	16	6400.0000	23.7300	2	2501	0	0

**Total Util: 31.3236**

Test n:	25	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	416.0000	16	6656.0000	24.6792	2	2501	0	0

**Total Util: 32.2728**

Test n:	26	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	432.0000	16	6912.0000	25.6284	2	2501	0	0

**Total Util: 33.222**

Test n:	27	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	448.0000	16	7168.0000	26.5776	2	2501	0	0

**Total Util: 34.1712**

Test n:	28	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0

T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	464.0000	16	7424.0000	27.5268	2	2501	0	0

**Total Util: 35.1204**

Test n:	29		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	480.0000	16	7680.0000	28.4760	2	2501	0	0

**Total Util: 36.0696**

Test n:	30		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	496.0000	16	7936.0000	29.4252	2	2501	0	0

**Total Util: 37.0188**

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	512.0000	16	8192.0000	30.3744	1	1	0	0

**Total Util: 37.968**

Test n:	32		Status:	Error: Period too short				
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**Board: STM32F4**

**OS: Erika**

**Rawspeed: 26970.0000**

**Step Size: 0.9492**

Test n: 1                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0

**Total Util: 9.492**

Test n: 2                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.2000	256	563.2000	2.0882	454	12	0	0
T2	4.4000	128	563.2000	2.0882	227	24	0	0
T3	8.8000	64	563.2000	2.0882	113	46	0	0
T4	17.6000	32	563.2000	2.0882	56	90	0	0
T5	35.2000	16	563.2000	2.0882	28	179	0	0

**Total Util: 10.441**

Test n: 3                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.4000	256	614.4000	2.2780	416	13	0	0
T2	4.8000	128	614.4000	2.2780	208	24	0	0
T3	9.6000	64	614.4000	2.2780	104	49	0	0
T4	19.2000	32	614.4000	2.2780	52	97	0	0
T5	38.4000	16	614.4000	2.2780	26	193	0	0

**Total Util: 11.39**

Test n: 4                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.5999	256	665.5999	2.4679	384	14	0	0
T2	5.1999	128	665.5999	2.4679	192	27	0	0
T3	10.3999	64	665.5999	2.4679	96	53	0	0
T4	20.7999	32	665.5999	2.4679	48	105	0	0
T5	41.5999	16	665.5999	2.4679	24	209	0	0

**Total Util: 12.3395**

Test n: 5                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.7999	256	716.7999	2.6577	357	15	0	0
T2	5.5999	128	716.7999	2.6577	178	30	0	0
T3	11.1999	64	716.7999	2.6577	89	57	0	0
T4	22.3999	32	716.7999	2.6577	44	114	0	0
T5	44.7999	16	716.7999	2.6577	22	228	0	0

**Total Util: 13.2885**

Test n: 6                      Status: Running



Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.0000	256	768.0000	2.8476	333	16	0	0
T2	6.0000	128	768.0000	2.8476	166	31	0	0
T3	12.0000	64	768.0000	2.8476	83	61	0	0
T4	24.0000	32	768.0000	2.8476	41	122	0	0
T5	48.0000	16	768.0000	2.8476	20	250	0	0
<b>Total Util: 14.238</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.2000	256	819.2000	3.0374	312	17	0	0
T2	6.4000	128	819.2000	3.0374	156	32	0	0
T3	12.8000	64	819.2000	3.0374	78	65	0	0
T4	25.6000	32	819.2000	3.0374	39	129	0	0
T5	51.2000	16	819.2000	3.0374	19	265	0	0
<b>Total Util: 15.187</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.4000	256	870.4000	3.2272	294	18	0	0
T2	6.8000	128	870.4000	3.2272	147	35	0	0
T3	13.6000	64	870.4000	3.2272	73	69	0	0
T4	27.2000	32	870.4000	3.2272	36	139	0	0
T5	54.4000	16	870.4000	3.2272	18	278	0	0
<b>Total Util: 16.136</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.5999	256	921.5999	3.4171	277	20	0	0
T2	7.1999	128	921.5999	3.4171	138	38	0	0
T3	14.3999	64	921.5999	3.4171	69	73	0	0
T4	28.7999	32	921.5999	3.4171	34	148	0	0
T5	57.5999	16	921.5999	3.4171	17	295	0	0
<b>Total Util: 17.0855</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.7999	256	972.7999	3.6069	263	19	0	0
T2	7.5999	128	972.7999	3.6069	131	39	0	0
T3	15.1999	64	972.7999	3.6069	65	77	0	0
T4	30.3999	32	972.7999	3.6069	32	157	0	0
T5	60.7999	16	972.7999	3.6069	16	313	0	0
<b>Total Util: 18.0345</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.0000	256	1024.0000	3.7968	250	21	0	0
T2	8.0000	128	1024.0000	3.7968	125	40	0	0
T3	16.0000	64	1024.0000	3.7968	62	81	0	0
T4	32.0000	32	1024.0000	3.7968	31	162	0	0

T5	64.0000	16	1024.0000	3.7968	15	334	0	0
<b>Total Util: 18.984</b>								
Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.1999	256	1075.1999	3.9866	238	22	0	0
T2	8.3999	128	1075.1999	3.9866	119	43	0	0
T3	16.7999	64	1075.1999	3.9866	59	85	0	0
T4	33.5999	32	1075.1999	3.9866	29	173	0	0
T5	67.1999	16	1075.1999	3.9866	14	358	0	0
<b>Total Util: 19.933</b>								
Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.4000	256	1126.4000	4.1764	227	23	0	0
T2	8.8000	128	1126.4000	4.1764	113	46	0	0
T3	17.6000	64	1126.4000	4.1764	56	90	0	0
T4	35.2000	32	1126.4000	4.1764	28	179	0	0
T5	70.4000	16	1126.4000	4.1764	14	358	0	0
<b>Total Util: 20.882</b>								
Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.5999	256	1177.5999	4.3663	217	24	0	0
T2	9.1999	128	1177.5999	4.3663	108	47	0	0
T3	18.3999	64	1177.5999	4.3663	54	93	0	0
T4	36.7999	32	1177.5999	4.3663	27	186	0	0
T5	73.5999	16	1177.5999	4.3663	13	385	0	0
<b>Total Util: 21.8315</b>								
Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.8000	256	1228.8000	4.5561	208	25	0	0
T2	9.6000	128	1228.8000	4.5561	104	48	0	0
T3	19.2000	64	1228.8000	4.5561	52	97	0	0
T4	38.4000	32	1228.8000	4.5561	26	193	0	0
T5	76.8000	16	1228.8000	4.5561	13	385	0	0
<b>Total Util: 22.7805</b>								
Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.0000	256	1280.0000	4.7460	200	26	0	0
T2	10.0000	128	1280.0000	4.7460	100	51	0	0
T3	20.0000	64	1280.0000	4.7460	50	100	0	0
T4	40.0000	32	1280.0000	4.7460	25	200	0	0
T5	80.0000	16	1280.0000	4.7460	12	417	0	0
<b>Total Util: 23.73</b>								
Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	5.1999	256	1331.1999	4.9358	192	27	0	0
T2	10.3999	128	1331.1999	4.9358	96	53	0	0
T3	20.7999	64	1331.1999	4.9358	48	106	0	0
T4	41.5999	32	1331.1999	4.9358	24	210	0	0
T5	83.1999	16	1331.1999	4.9358	12	417	0	0

**Total Util: 24.679**

Test n:	18		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.4000	256	1382.4000	5.1256	185	28	0	0
T2	10.8000	128	1382.4000	5.1256	92	56	0	0
T3	21.6000	64	1382.4000	5.1256	46	109	0	0
T4	43.2000	32	1382.4000	5.1256	23	218	0	0
T5	86.4000	16	1382.4000	5.1256	11	455	0	0

**Total Util: 25.628**

Test n:	19		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.5999	256	1433.5999	5.3155	178	30	0	0
T2	11.1999	128	1433.5999	5.3155	89	57	0	0
T3	22.3999	64	1433.5999	5.3155	44	114	0	0
T4	44.7999	32	1433.5999	5.3155	22	228	0	0
T5	89.5999	16	1433.5999	5.3155	11	455	0	0

**Total Util: 26.5775**

Test n:	20		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.8000	256	1484.8000	5.5053	172	29	0	0
T2	11.6000	128	1484.8000	5.5053	86	59	0	0
T3	23.2000	64	1484.8000	5.5053	43	117	0	0
T4	46.4000	32	1484.8000	5.5053	21	239	0	0
T5	92.8000	16	1484.8000	5.5053	10	500	0	0

**Total Util: 27.5265**

Test n:	21		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.0000	256	1536.0000	5.6952	166	32	0	0
T2	12.0000	128	1536.0000	5.6952	83	61	0	0
T3	24.0000	64	1536.0000	5.6952	41	122	0	0
T4	48.0000	32	1536.0000	5.6952	20	250	0	0
T5	96.0000	16	1536.0000	5.6952	10	501	0	0

**Total Util: 28.476**

Test n:	22		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.1999	256	1587.1999	5.8850	161	31	0	0
T2	12.3999	128	1587.1999	5.8850	80	63	0	0
T3	24.7999	64	1587.1999	5.8850	40	125	0	0
T4	49.5999	32	1587.1999	5.8850	20	251	0	0
T5	99.1999	16	1587.1999	5.8850	10	501	0	0

**Total Util: 29.425**

Test n:	23		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.4000	256	1638.4000	6.0748	156	33	0	0
T2	12.8000	128	1638.4000	6.0748	78	64	0	0
T3	25.6000	64	1638.4000	6.0748	39	130	0	0
T4	51.2000	32	1638.4000	6.0748	19	265	0	0
T5	102.4000	16	1638.4000	6.0748	9	557	0	0

**Total Util: 30.374**

Test n:	24		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.5999	256	1689.5999	6.2647	151	35	0	0
T2	13.1999	128	1689.5999	6.2647	75	68	0	0
T3	26.3999	64	1689.5999	6.2647	37	136	0	0
T4	52.7999	32	1689.5999	6.2647	18	278	0	0
T5	105.5999	16	1689.5999	6.2647	9	556	0	0

**Total Util: 31.3235**

Test n:	25		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.8000	256	1740.8000	6.4545	147	34	0	0
T2	13.6000	128	1740.8000	6.4545	73	69	0	0
T3	27.2000	64	1740.8000	6.4545	36	139	0	0
T4	54.4000	32	1740.8000	6.4545	18	278	0	0
T5	108.8000	16	1740.8000	6.4545	9	556	0	0

**Total Util: 32.2725**

Test n:	26		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.0000	256	1792.0000	6.6444	142	37	0	0
T2	14.0000	128	1792.0000	6.6444	71	71	0	0
T3	28.0000	64	1792.0000	6.6444	35	143	0	0
T4	56.0000	32	1792.0000	6.6444	17	295	0	0
T5	112.0000	16	1792.0000	6.6444	8	625	0	0

**Total Util: 33.222**

Test n:	27		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.1999	256	1843.1999	6.8342	138	37	0	0
T2	14.3999	128	1843.1999	6.8342	69	73	0	0
T3	28.7999	64	1843.1999	6.8342	34	147	0	0
T4	57.5999	32	1843.1999	6.8342	17	295	0	0
T5	115.1999	16	1843.1999	6.8342	8	626	0	0

**Total Util: 34.171**

Test n:	28		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.4000	256	1894.4000	7.0241	135	37	0	0

T2	14.8000	128	1894.4000	7.0241	67	75	0	0
T3	29.6000	64	1894.4000	7.0241	33	153	0	0
T4	59.2000	32	1894.4000	7.0241	16	313	0	0
T5	118.4000	16	1894.4000	7.0241	8	626	0	0

**Total Util: 35.1205**

Test n:	29		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.5999	256	1945.5999	7.2139	131	40	0	0
T2	15.1999	128	1945.5999	7.2139	65	77	0	0
T3	30.3999	64	1945.5999	7.2139	32	157	0	0
T4	60.7999	32	1945.5999	7.2139	16	313	0	0
T5	121.5999	16	1945.5999	7.2139	8	626	0	0

**Total Util: 36.0695**

Test n:	30		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.8000	256	1996.8000	7.4037	128	39	0	0
T2	15.6000	128	1996.8000	7.4037	64	78	0	0
T3	31.2000	64	1996.8000	7.4037	32	157	0	0
T4	62.4000	32	1996.8000	7.4037	16	313	0	0
T5	124.8000	16	1996.8000	7.4037	8	626	0	0

**Total Util: 37.0185**

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.0000	256	2048.0000	7.5936	125	41	0	0
T2	16.0000	128	2048.0000	7.5936	62	82	0	0
T3	32.0000	64	2048.0000	7.5936	31	162	0	0
T4	64.0000	32	2048.0000	7.5936	15	334	0	0
T5	128.0000	16	2048.0000	7.5936	7	716	0	0

**Total Util: 37.968**

Test n:	32		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.1999	256	2099.1999	7.7834	121	43	0	0
T2	16.3999	128	2099.1999	7.7834	60	84	0	0
T3	32.7999	64	2099.1999	7.7834	30	167	0	0
T4	65.5999	32	2099.1999	7.7834	15	334	0	0
T5	131.1999	16	2099.1999	7.7834	7	715	0	0

**Total Util: 38.917**

Test n:	33		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.3999	256	2150.3999	7.9733	119	42	0	0
T2	16.7999	128	2150.3999	7.9733	59	85	0	0
T3	33.5999	64	2150.3999	7.9733	29	173	0	0
T4	67.1999	32	2150.3999	7.9733	14	358	0	0
T5	134.3999	16	2150.3999	7.9733	7	715	0	0

**Total Util: 39.8665**

Test n:	34	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.6000	256	2201.6000	8.1631	116	44	0	0
T2	17.2000	128	2201.6000	8.1631	58	87	0	0
T3	34.4000	64	2201.6000	8.1631	29	173	0	0
T4	68.8000	32	2201.6000	8.1631	14	358	0	0
T5	137.6000	16	2201.6000	8.1631	7	715	0	0
			<b>Total Util: 40.8155</b>					

Test n:	35	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.8000	256	2252.8000	8.3529	113	46	0	0
T2	17.6000	128	2252.8000	8.3529	56	90	0	0
T3	35.2000	64	2252.8000	8.3529	28	179	0	0
T4	70.4000	32	2252.8000	8.3529	14	358	0	0
T5	140.8000	16	2252.8000	8.3529	7	715	0	0
			<b>Total Util: 41.7645</b>					

Test n:	36	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.0000	256	2304.0000	8.5428	111	45	0	0
T2	18.0000	128	2304.0000	8.5428	55	91	0	0
T3	36.0000	64	2304.0000	8.5428	27	186	0	0
T4	72.0000	32	2304.0000	8.5428	13	385	0	0
T5	144.0000	16	2304.0000	8.5428	6	834	0	0
			<b>Total Util: 42.714</b>					

Test n:	37	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.1999	256	2355.1999	8.7326	108	48	0	0
T2	18.3999	128	2355.1999	8.7326	54	93	0	0
T3	36.7999	64	2355.1999	8.7326	27	186	0	0
T4	73.5999	32	2355.1999	8.7326	13	385	0	0
T5	147.1999	16	2355.1999	8.7326	6	834	0	0
			<b>Total Util: 43.663</b>					

Test n:	38	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.3999	256	2406.3999	8.9225	106	47	0	0
T2	18.7999	128	2406.3999	8.9225	53	95	0	0
T3	37.5999	64	2406.3999	8.9225	26	193	0	0
T4	75.1999	32	2406.3999	8.9225	13	385	0	0
T5	150.3999	16	2406.3999	8.9225	6	834	0	0
			<b>Total Util: 44.6125</b>					

Test n:	39	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.6000	256	2457.6000	9.1123	104	49	0	0
T2	19.2000	128	2457.6000	9.1123	52	96	0	0

T3	38.4000	64	2457.6000	9.1123	26	193	0	0
T4	76.8000	32	2457.6000	9.1123	13	385	0	0
T5	153.6000	16	2457.6000	9.1123	6	834	0	0

**Total Util: 45.5615**

Test n:	40		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.8000	256	2508.8000	9.3021	102	50	0	0
T2	19.6000	128	2508.8000	9.3021	51	99	0	0
T3	39.2000	64	2508.8000	9.3021	25	200	0	0
T4	78.4000	32	2508.8000	9.3021	12	417	0	0
T5	156.8000	16	2508.8000	9.3021	6	834	0	0

**Total Util: 46.5105**

Test n:	41		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.0000	256	2560.0000	9.4920	100	51	0	0
T2	20.0000	128	2560.0000	9.4920	50	101	0	0
T3	40.0000	64	2560.0000	9.4920	25	201	0	0
T4	80.0000	32	2560.0000	9.4920	12	417	0	0
T5	160.0000	16	2560.0000	9.4920	6	834	0	0

**Total Util: 47.46**

Test n:	42		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.1999	256	2611.1999	9.6818	98	52	0	0
T2	20.3999	128	2611.1999	9.6818	49	103	0	0
T3	40.7999	64	2611.1999	9.6818	24	210	0	0
T4	81.5999	32	2611.1999	9.6818	12	417	0	0
T5	163.1999	16	2611.1999	9.6818	6	834	0	0

**Total Util: 48.409**

Test n:	43		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.3999	256	2662.3999	9.8717	96	53	0	0
T2	20.7999	128	2662.3999	9.8717	48	105	0	0
T3	41.5999	64	2662.3999	9.8717	24	209	0	0
T4	83.1999	32	2662.3999	9.8717	12	417	0	0
T5	166.3999	16	2662.3999	9.8717	6	834	0	0

**Total Util: 49.3585**

Test n:	44		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.6000	256	2713.6000	10.0615	94	54	0	0
T2	21.2000	128	2713.6000	10.0615	47	108	0	0
T3	42.4000	64	2713.6000	10.0615	23	218	0	0
T4	84.8000	32	2713.6000	10.0615	11	455	0	0
T5	169.6000	16	2713.6000	10.0615	5	1000	0	0

**Total Util: 50.3075**

Test n:	45	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.8000	256	2764.8000	10.2513	92	56	0	0
T2	21.6000	128	2764.8000	10.2513	46	109	0	0
T3	43.2000	64	2764.8000	10.2513	23	218	0	0
T4	86.4000	32	2764.8000	10.2513	11	455	0	0
T5	172.8000	16	2764.8000	10.2513	5	1001	0	0
			<b>Total Util:</b>	<b>51.2565</b>				

Test n:	46	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.0000	256	2816.0000	10.4412	90	56	0	0
T2	22.0000	128	2816.0000	10.4412	45	111	0	0
T3	44.0000	64	2816.0000	10.4412	22	228	0	0
T4	88.0000	32	2816.0000	10.4412	11	455	0	0
T5	176.0000	16	2816.0000	10.4412	5	1001	0	0
			<b>Total Util:</b>	<b>52.206</b>				

Test n:	47	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.1999	256	2867.1999	10.6310	89	57	0	0
T2	22.3999	128	2867.1999	10.6310	44	115	0	0
T3	44.7999	64	2867.1999	10.6310	22	228	0	0
T4	89.5999	32	2867.1999	10.6310	11	455	0	0
T5	179.1999	16	2867.1999	10.6310	5	1001	0	0
			<b>Total Util:</b>	<b>53.155</b>				

Test n:	48	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.3999	256	2918.3999	10.8209	87	58	0	0
T2	22.7999	128	2918.3999	10.8209	43	117	0	0
T3	45.5999	64	2918.3999	10.8209	21	238	0	0
T4	91.1999	32	2918.3999	10.8209	10	500	0	0
T5	182.3999	16	2918.3999	10.8209	5	1001	0	0
			<b>Total Util:</b>	<b>54.1045</b>				

Test n:	49	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.6000	256	2969.6000	11.0107	86	58	0	0
T2	23.2000	128	2969.6000	11.0107	43	117	0	0
T3	46.4000	64	2969.6000	11.0107	21	239	0	0
T4	92.8000	32	2969.6000	11.0107	10	501	0	0
T5	185.6000	16	2969.6000	11.0107	5	1001	0	0
			<b>Total Util:</b>	<b>55.0535</b>				

Test n:	50	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.8000	256	3020.8000	11.2005	84	61	0	0
T2	23.6000	128	3020.8000	11.2005	42	119	0	0
T3	47.2000	64	3020.8000	11.2005	21	239	0	0



T4	94.4000	32	3020.8000	11.2005	10	501	0	0
T5	188.8000	16	3020.8000	11.2005	5	1001	0	0
<b>Total Util: 56.0025</b>								

Test n:	51		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.0000	256	3072.0000	11.3904	83	61	0	0
T2	24.0000	128	3072.0000	11.3904	41	123	0	0
T3	48.0000	64	3072.0000	11.3904	20	251	0	0
T4	96.0000	32	3072.0000	11.3904	10	501	0	0
T5	192.0000	16	3072.0000	11.3904	5	1001	0	0
<b>Total Util: 56.952</b>								

Test n:	52		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.1999	256	3123.1999	11.5802	81	62	0	0
T2	24.3999	128	3123.1999	11.5802	40	125	0	0
T3	48.7999	64	3123.1999	11.5802	20	251	0	0
T4	97.5999	32	3123.1999	11.5802	10	501	0	0
T5	195.1999	16	3123.1999	11.5802	5	1001	0	0
<b>Total Util: 57.901</b>								

Test n:	53		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.3999	256	3174.3999	11.7701	80	63	0	0
T2	24.7999	128	3174.3999	11.7701	40	126	0	0
T3	49.5999	64	3174.3999	11.7701	20	251	0	0
T4	99.1999	32	3174.3999	11.7701	10	501	0	0
T5	198.3999	16	3174.3999	11.7701	5	1001	0	0
<b>Total Util: 58.8505</b>								

Test n:	54		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.6000	256	3225.6000	11.9599	79	63	0	0
T2	25.2000	128	3225.6000	11.9599	39	129	0	0
T3	50.4000	64	3225.6000	11.9599	19	265	0	0
T4	100.8000	32	3225.6000	11.9599	9	557	0	0
T5	201.6000	16	3225.6000	11.9599	4	1251	0	0
<b>Total Util: 59.7995</b>								

Test n:	55		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.8000	256	3276.8000	12.1497	78	65	0	0
T2	25.6000	128	3276.8000	12.1497	39	129	0	0
T3	51.2000	64	3276.8000	12.1497	19	264	0	0
T4	102.4000	32	3276.8000	12.1497	9	556	0	0
T5	204.8000	16	3276.8000	12.1497	4	1251	0	0
<b>Total Util: 60.7485</b>								

Test n:	56		Status:	Running				
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Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.0000	256	3328.0000	12.3396	76	67	0	0
T2	26.0000	128	3328.0000	12.3396	38	133	0	0
T3	52.0000	64	3328.0000	12.3396	19	264	0	0
T4	104.0000	32	3328.0000	12.3396	9	556	0	0
T5	208.0000	16	3328.0000	12.3396	4	1251	0	0
<b>Total Util: 61.698</b>								

Test n:	57		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.1999	256	3379.1999	12.5294	75	67	0	0
T2	26.3999	128	3379.1999	12.5294	37	135	0	0
T3	52.7999	64	3379.1999	12.5294	18	278	0	0
T4	105.5999	32	3379.1999	12.5294	9	556	0	0
T5	211.1999	16	3379.1999	12.5294	4	1251	0	0
<b>Total Util: 62.647</b>								

Test n:	58		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.3999	256	3430.3999	12.7193	74	68	0	0
T2	26.7999	128	3430.3999	12.7193	37	136	0	0
T3	53.5999	64	3430.3999	12.7193	18	278	0	0
T4	107.1999	32	3430.3999	12.7193	9	556	0	0
T5	214.3999	16	3430.3999	12.7193	4	1251	0	0
<b>Total Util: 63.5965</b>								

Test n:	59		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.6000	256	3481.6000	12.9091	73	69	0	0
T2	27.2000	128	3481.6000	12.9091	36	140	0	0
T3	54.4000	64	3481.6000	12.9091	18	278	0	0
T4	108.8000	32	3481.6000	12.9091	9	556	0	0
T5	217.6000	16	3481.6000	12.9091	4	1251	0	0
<b>Total Util: 64.5455</b>								

Test n:	60		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.8000	256	3532.8000	13.0989	72	70	0	0
T2	27.6000	128	3532.8000	13.0989	36	139	0	0
T3	55.2000	64	3532.8000	13.0989	18	278	0	0
T4	110.4000	32	3532.8000	13.0989	9	556	0	0
T5	220.8000	16	3532.8000	13.0989	4	1251	0	0
<b>Total Util: 65.4945</b>								

Test n:	61		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.0000	256	3584.0000	13.2888	71	71	0	0
T2	28.0000	128	3584.0000	13.2888	35	143	0	0
T3	56.0000	64	3584.0000	13.2888	17	294	0	0
T4	112.0000	32	3584.0000	13.2888	8	625	0	0

T5	224.0000	16	3584.0000	13.2888	4	1251	0	0
<b>Total Util: 66.444</b>								

Test n:	62		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.1999	256	3635.1999	13.4786	70	72	0	0
T2	28.3999	128	3635.1999	13.4786	35	143	0	0
T3	56.7999	64	3635.1999	13.4786	17	295	0	0
T4	113.5999	32	3635.1999	13.4786	8	626	0	0
T5	227.1999	16	3635.1999	13.4786	4	1251	0	0
<b>Total Util: 67.393</b>								

Test n:	63		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.3999	256	3686.3999	13.6685	69	73	0	0
T2	28.7999	128	3686.3999	13.6685	34	147	0	0
T3	57.5999	64	3686.3999	13.6685	17	295	0	0
T4	115.1999	32	3686.3999	13.6685	8	626	0	0
T5	230.3999	16	3686.3999	13.6685	4	1251	0	0
<b>Total Util: 68.3425</b>								

Test n:	64		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.6000	256	3737.6000	13.8583	68	74	0	0
T2	29.2000	128	3737.6000	13.8583	34	148	0	0
T3	58.4000	64	3737.6000	13.8583	17	295	0	0
T4	116.8000	32	3737.6000	13.8583	8	626	0	0
T5	233.6000	16	3737.6000	13.8583	4	1251	0	0
<b>Total Util: 69.2915</b>								

Test n:	65		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.8000	256	3788.8000	14.0482	67	75	0	0
T2	29.6000	128	3788.8000	14.0482	33	153	0	0
T3	59.2000	64	3788.8000	14.0482	16	314	0	0
T4	118.4000	32	3788.8000	14.0482	8	626	0	0
T5	236.8000	16	3788.8000	14.0482	4	1251	0	0
<b>Total Util: 70.241</b>								

Test n:	66		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	15.0000	256	3840.0000	14.2380	66	76	0	0
T2	30.0000	128	3840.0000	14.2380	33	152	0	0
T3	60.0000	64	3840.0000	14.2380	16	313	0	0
T4	120.0000	32	3840.0000	14.2380	8	626	0	0
T5	240.0000	16	3840.0000	14.2380	4	1251	0	0
<b>Total Util: 71.19</b>								

Test n:	67		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	15.1999	256	3891.1999	14.4278	65	77	0	0
T2	30.3999	128	3891.1999	14.4278	32	156	0	0
T3	60.7999	64	3891.1999	14.4278	16	313	0	0
T4	121.5999	32	3891.1999	14.4278	8	626	0	0
T5	243.1999	16	3891.1999	14.4278	4	1251	0	0

**Total Util: 72.139**

Test n:	68		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	15.3999	256	3942.3999	14.6177	64	78	0	0
T2	30.7999	128	3942.3999	14.6177	32	157	0	0
T3	61.5999	64	3942.3999	14.6177	16	313	0	0
T4	123.1999	32	3942.3999	14.6177	8	626	0	0
T5	246.3999	16	3942.3999	14.6177	4	1251	0	0

**Total Util: 73.0885**

Test n:	69		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	15.6000	256	3993.6000	14.8075	64	79	0	0
T2	31.2000	128	3993.6000	14.8075	32	157	0	0
T3	62.4000	64	3993.6000	14.8075	16	313	0	0
T4	124.8000	32	3993.6000	14.8075	8	626	0	0
T5	249.6000	16	3993.6000	14.8075	4	1251	0	0

**Total Util: 74.0375**

Test n:	70		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	15.8000	256	4044.8000	14.9974	63	80	0	0
T2	31.6000	128	4044.8000	14.9974	31	162	0	0
T3	63.2000	64	4044.8000	14.9974	15	334	0	0
T4	126.4000	32	4044.8000	14.9974	7	716	0	0
T5	252.8000	16	4044.8000	14.9974	3	1668	0	0

**Total Util: 74.987**

Test n:	71		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.0000	256	4096.0000	15.1872	62	82	0	0
T2	32.0000	128	4096.0000	15.1872	31	162	0	0
T3	64.0000	64	4096.0000	15.1872	15	334	0	0
T4	128.0000	32	4096.0000	15.1872	7	715	0	0
T5	256.0000	16	4096.0000	15.1872	3	1667	0	0

**Total Util: 75.936**

Test n:	72		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.2000	256	4147.2001	15.3770	61	82	0	0
T2	32.4000	128	4147.2001	15.3770	30	168	0	0
T3	64.8000	64	4147.2001	15.3770	15	334	0	0
T4	129.6000	32	4147.2001	15.3770	7	715	0	0
T5	259.2000	16	4147.2001	15.3770	3	1667	0	0

**Total Util: 76.885**

Test n:	73	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.3999	256	4198.3999	15.5669	60	83	0	0
T2	32.7999	128	4198.3999	15.5669	30	167	0	0
T3	65.5999	64	4198.3999	15.5669	15	334	0	0
T4	131.1999	32	4198.3999	15.5669	7	715	0	0
T5	262.3999	16	4198.3999	15.5669	3	1667	0	0

**Total Util: 77.8345**

Test n:	74	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.6000	256	4249.6000	15.7567	60	84	0	0
T2	33.2000	128	4249.6000	15.7567	30	167	0	0
T3	66.4000	64	4249.6000	15.7567	15	334	0	0
T4	132.8000	32	4249.6000	15.7567	7	715	0	0
T5	265.6000	16	4249.6000	15.7567	3	1667	0	0

**Total Util: 78.7835**

Test n:	75	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.7999	256	4300.7998	15.9466	59	86	0	0
T2	33.5999	128	4300.7998	15.9466	29	173	0	0
T3	67.1999	64	4300.7998	15.9466	14	357	0	0
T4	134.3999	32	4300.7998	15.9466	7	715	0	0
T5	268.7999	16	4300.7998	15.9466	3	1667	0	0

**Total Util: 79.733**

Test n:	76	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.0000	256	4352.0000	16.1364	58	86	0	0
T2	34.0000	128	4352.0000	16.1364	29	173	0	0
T3	68.0000	64	4352.0000	16.1364	14	358	0	0
T4	136.0000	32	4352.0000	16.1364	7	715	0	0
T5	272.0000	16	4352.0000	16.1364	3	1667	0	0

**Total Util: 80.682**

Test n:	77	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.2000	256	4403.2001	16.3262	58	87	0	0
T2	34.4000	128	4403.2001	16.3262	29	173	0	0
T3	68.8000	64	4403.2001	16.3262	14	358	0	0
T4	137.6000	32	4403.2001	16.3262	7	715	0	0
T5	275.2000	16	4403.2001	16.3262	3	1667	0	0

**Total Util: 81.631**

Test n:	78	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.3999	256	4454.3999	16.5161	57	89	0	0

T2	34.7999	128	4454.3999	16.5161	28	179	0	0
T3	69.5999	64	4454.3999	16.5161	14	358	0	0
T4	139.1999	32	4454.3999	16.5161	7	715	0	0
T5	278.3999	16	4454.3999	16.5161	3	1667	0	0

**Total Util: 82.5805**

Test n:	79		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.6000	256	4505.6000	16.7059	56	89	0	0
T2	35.2000	128	4505.6000	16.7059	28	179	0	0
T3	70.4000	64	4505.6000	16.7059	14	358	0	0
T4	140.8000	32	4505.6000	16.7059	7	715	0	0
T5	281.6000	16	4505.6000	16.7059	3	1667	0	0

**Total Util: 83.5295**

Test n:	80		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.7999	256	4556.7998	16.8958	56	90	0	0
T2	35.5999	128	4556.7998	16.8958	28	179	0	0
T3	71.1999	64	4556.7998	16.8958	14	358	0	0
T4	142.3999	32	4556.7998	16.8958	7	715	0	0
T5	284.7999	16	4556.7998	16.8958	3	1667	0	0

**Total Util: 84.479**

Test n:	81		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	18.0000	256	4608.0000	17.0856	55	92	0	0
T2	36.0000	128	4608.0000	17.0856	27	185	0	0
T3	72.0000	64	4608.0000	17.0856	13	386	0	0
T4	144.0000	32	4608.0000	17.0856	6	834	0	0
T5	288.0000	16	4608.0000	17.0856	3	1667	0	0

**Total Util: 85.428**

Test n:	82		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	18.2000	256	4659.2001	17.2754	54	92	0	0
T2	36.4000	128	4659.2001	17.2754	27	186	0	0
T3	72.8000	64	4659.2001	17.2754	13	385	0	0
T4	145.6000	32	4659.2001	17.2754	6	834	0	0
T5	291.2000	16	4659.2001	17.2754	3	1667	0	0

**Total Util: 86.377**

Test n:	83		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	18.3999	256	4710.3999	17.4653	54	93	0	0
T2	36.7999	128	4710.3999	17.4653	27	186	0	0
T3	73.5999	64	4710.3999	17.4653	13	385	0	0
T4	147.1999	32	4710.3999	17.4653	6	834	0	0
T5	294.3999	16	4710.3999	17.4653	3	1667	0	0

**Total Util: 87.3265**

Test n:	84	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	18.6000	256	4761.6000	17.6551	53	95	0	0
T2	37.2000	128	4761.6000	17.6551	26	193	0	0
T3	74.4000	64	4761.6000	17.6551	13	385	0	0
T4	148.8000	32	4761.6000	17.6551	6	834	0	0
T5	297.6000	16	4761.6000	17.6551	3	1667	0	0
			<b>Total Util: 88.2755</b>					

Test n:	85	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	18.7999	256	4812.7998	17.8450	53	95	0	0
T2	37.5999	128	4812.7998	17.8450	26	193	0	0
T3	75.1999	64	4812.7998	17.8450	13	385	0	0
T4	150.3999	32	4812.7998	17.8450	6	834	0	0
T5	300.7999	16	4812.7998	17.8450	3	1667	0	0
			<b>Total Util: 89.225</b>					

Test n:	86	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	19.0000	256	4864.0000	18.0348	52	97	0	0
T2	38.0000	128	4864.0000	18.0348	26	193	0	0
T3	76.0000	64	4864.0000	18.0348	13	385	0	0
T4	152.0000	32	4864.0000	18.0348	6	834	0	0
T5	304.0000	16	4864.0000	18.0348	3	1667	0	0
			<b>Total Util: 90.174</b>					

Test n:	87	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	19.2000	256	4915.2001	18.2246	52	97	0	0
T2	38.4000	128	4915.2001	18.2246	26	193	0	0
T3	76.8000	64	4915.2001	18.2246	13	385	0	0
T4	153.6000	32	4915.2001	18.2246	6	834	0	0
T5	307.2000	16	4915.2001	18.2246	3	1667	0	0
			<b>Total Util: 91.123</b>					

Test n:	88	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	19.3999	256	4966.3999	18.4145	51	99	0	0
T2	38.7999	128	4966.3999	18.4145	25	201	0	0
T3	77.5999	64	4966.3999	18.4145	12	417	0	0
T4	155.1999	32	4966.3999	18.4145	6	834	0	0
T5	310.3999	16	4966.3999	18.4145	3	1667	0	0
			<b>Total Util: 92.0725</b>					

Test n:	89	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	19.6000	256	5017.6000	18.6043	51	99	0	0
T2	39.2000	128	5017.6000	18.6043	25	201	0	0

T3	78.4000	64	5017.6000	18.6043	12	417	0	0
T4	156.8000	32	5017.6000	18.6043	6	834	0	0
T5	313.6000	16	5017.6000	18.6043	3	1667	0	0

**Total Util: 93.0215**

Test n:	90		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	19.7999	256	5068.7998	18.7942	50	101	0	0
T2	39.5999	128	5068.7998	18.7942	25	201	0	0
T3	79.1999	64	5068.7998	18.7942	12	417	0	0
T4	158.3999	32	5068.7998	18.7942	6	834	0	0
T5	316.7999	16	5068.7998	18.7942	3	1667	0	0

**Total Util: 93.971**

Test n:	91		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	20.0000	256	5120.0000	18.9840	50	101	0	0
T2	40.0000	128	5120.0000	18.9840	25	201	0	0
T3	80.0000	64	5120.0000	18.9840	12	417	0	0
T4	160.0000	32	5120.0000	18.9840	6	834	0	0
T5	320.0000	16	5120.0000	18.9840	3	1667	0	0

**Total Util: 94.92**

Test n:	92		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	20.2000	256	5171.2001	19.1738	49	103	0	0
T2	40.4000	128	5171.2001	19.1738	24	209	0	0
T3	80.8000	64	5171.2001	19.1738	12	417	0	0
T4	161.6000	32	5171.2001	19.1738	6	834	0	0
T5	323.2000	16	5171.2001	19.1738	3	1667	0	0

**Total Util: 95.869**

Test n:	93		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	20.3999	256	5222.3999	19.3637	49	103	0	0
T2	40.7999	128	5222.3999	19.3637	24	209	0	0
T3	81.5999	64	5222.3999	19.3637	12	417	0	0
T4	163.1999	32	5222.3999	19.3637	6	834	0	0
T5	326.3999	16	5222.3999	19.3637	3	1667	0	0

**Total Util: 96.8185**

Test n:	94		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	20.6000	256	5273.6000	19.5535	48	105	0	0
T2	41.2000	128	5273.6000	19.5535	24	209	0	0
T3	82.4000	64	5273.6000	19.5535	12	417	0	0
T4	164.8000	32	5273.6000	19.5535	6	834	0	0
T5	329.6000	16	5273.6000	19.5535	3	1667	0	0

**Total Util: 97.7675**



Test n:	95	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	20.7999	256	5324.7998	19.7434	48	105	0	0
T2	41.5999	128	5324.7998	19.7434	24	209	0	0
T3	83.1999	64	5324.7998	19.7434	12	417	0	0
T4	166.3999	32	5324.7998	19.7434	6	834	0	0
T5	332.7999	16	5324.7998	19.7434	3	1667	0	0
			<b>Total Util: 98.717</b>					

Test n:	96	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	21.0000	256	5376.0000	19.9332	47	1	24	82
T2	42.0000	128	5376.0000	19.9332	23	190	14	14
T3	84.0000	64	5376.0000	19.9332	11	455	0	0
T4	168.0000	32	5376.0000	19.9332	5	1000	0	0
T5	336.0000	16	5376.0000	19.9332	2	2500	0	0
			<b>Total Util: 99.666</b>					

**Board: STM32F4**

**OS: Erika**

**Rawspeed: 26970.0000**

**Step Size: 0.4597**

Test n: 1                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	40	0	0
T4	16.0000	32	512.0000	1.8984	62	82	0	0
T5	32.0000	16	512.0000	1.8984	31	163	0	0

**Total Util: 9.492**

Test n: 2                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	258	516.0000	1.9132	500	11	0	0
T2	4.0000	130	520.0000	1.9280	250	21	0	0
T3	8.0000	66	528.0000	1.9577	125	41	0	0
T4	16.0000	34	544.0000	2.0170	62	81	0	0
T5	32.0000	18	576.0000	2.1357	31	162	0	0

**Total Util: 9.9516**

Test n: 3                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	260	520.0000	1.9280	500	11	0	0
T2	4.0000	132	528.0000	1.9577	250	21	0	0
T3	8.0000	68	544.0000	2.0170	125	41	0	0
T4	16.0000	36	576.0000	2.1357	62	81	0	0
T5	32.0000	20	640.0000	2.3730	31	162	0	0

**Total Util: 10.4114**

Test n: 4                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	262	524.0000	1.9428	500	11	0	0
T2	4.0000	134	536.0000	1.9873	250	21	0	0
T3	8.0000	70	560.0000	2.0763	125	41	0	0
T4	16.0000	38	608.0000	2.2543	62	81	0	0
T5	32.0000	22	704.0000	2.6103	31	162	0	0

**Total Util: 10.871**

Test n: 5                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	264	528.0000	1.9577	500	11	0	0
T2	4.0000	136	544.0000	2.0170	250	21	0	0
T3	8.0000	72	576.0000	2.1357	125	41	0	0
T4	16.0000	40	640.0000	2.3730	62	81	0	0
T5	32.0000	24	768.0000	2.8476	31	162	0	0

**Total Util: 11.331**

Test n: 6                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	266	532.0000	1.9725	500	11	0	0
T2	4.0000	138	552.0000	2.0467	250	21	0	0
T3	8.0000	74	592.0000	2.1950	125	41	0	0
T4	16.0000	42	672.0000	2.4916	62	81	0	0
T5	32.0000	26	832.0000	3.0849	31	162	0	0
<b>Total Util: 11.7907</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	268	536.0000	1.9873	500	11	0	0
T2	4.0000	140	560.0000	2.0763	250	21	0	0
T3	8.0000	76	608.0000	2.2543	125	41	0	0
T4	16.0000	44	704.0000	2.6103	62	81	0	0
T5	32.0000	28	896.0000	3.3222	31	162	0	0
<b>Total Util: 12.2504</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	270	540.0000	2.0022	500	11	0	0
T2	4.0000	142	568.0000	2.1060	250	21	0	0
T3	8.0000	78	624.0000	2.3136	125	41	0	0
T4	16.0000	46	736.0000	2.7289	62	81	0	0
T5	32.0000	30	960.0000	3.5595	31	162	0	0
<b>Total Util: 12.7102</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	272	544.0000	2.0170	500	11	0	0
T2	4.0000	144	576.0000	2.1357	250	21	0	0
T3	8.0000	80	640.0000	2.3730	125	41	0	0
T4	16.0000	48	768.0000	2.8476	62	81	0	0
T5	32.0000	32	1024.0000	3.7968	31	162	0	0
<b>Total Util: 13.1701</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	274	548.0000	2.0318	500	11	0	0
T2	4.0000	146	584.0000	2.1653	250	21	0	0
T3	8.0000	82	656.0000	2.4323	125	41	0	0
T4	16.0000	50	800.0000	2.9662	62	81	0	0
T5	32.0000	34	1088.0000	4.0341	31	162	0	0
<b>Total Util: 13.6297</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	276	552.0000	2.0467	500	11	0	0
T2	4.0000	148	592.0000	2.1950	250	21	0	0
T3	8.0000	84	672.0000	2.4916	125	41	0	0
T4	16.0000	52	832.0000	3.0849	62	81	0	0

T5	32.0000	36	1152.0000	4.2714	31	162	0	0
<b>Total Util: 14.0896</b>								

Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	278	556.0000	2.0615	500	11	0	0
T2	4.0000	150	600.0000	2.2246	250	21	0	0
T3	8.0000	86	688.0000	2.5509	125	41	0	0
T4	16.0000	54	864.0000	3.2035	62	81	0	0
T5	32.0000	38	1216.0000	4.5087	31	162	0	0
<b>Total Util: 14.5492</b>								

Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	280	560.0000	2.0763	500	11	0	0
T2	4.0000	152	608.0000	2.2543	250	21	0	0
T3	8.0000	88	704.0000	2.6103	125	41	0	0
T4	16.0000	56	896.0000	3.3222	62	81	0	0
T5	32.0000	40	1280.0000	4.7460	31	162	0	0
<b>Total Util: 15.0091</b>								

Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	282	564.0000	2.0912	500	11	0	0
T2	4.0000	154	616.0000	2.2840	250	21	0	0
T3	8.0000	90	720.0000	2.6696	125	41	0	0
T4	16.0000	58	928.0000	3.4408	62	81	0	0
T5	32.0000	42	1344.0000	4.9833	31	162	0	0
<b>Total Util: 15.4689</b>								

Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	284	568.0000	2.1060	500	11	0	0
T2	4.0000	156	624.0000	2.3136	250	21	0	0
T3	8.0000	92	736.0000	2.7289	125	41	0	0
T4	16.0000	60	960.0000	3.5595	62	81	0	0
T5	32.0000	44	1408.0000	5.2206	31	162	0	0
<b>Total Util: 15.9286</b>								

Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	286	572.0000	2.1208	500	11	0	0
T2	4.0000	158	632.0000	2.3433	250	21	0	0
T3	8.0000	94	752.0000	2.7882	125	41	0	0
T4	16.0000	62	992.0000	3.6781	62	81	0	0
T5	32.0000	46	1472.0000	5.4579	31	162	0	0
<b>Total Util: 16.3883</b>								

Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.0000	288	576.0000	2.1357	500	11	0	0
T2	4.0000	160	640.0000	2.3730	250	21	0	0
T3	8.0000	96	768.0000	2.8476	125	41	0	0
T4	16.0000	64	1024.0000	3.7968	62	81	0	0
T5	32.0000	48	1536.0000	5.6952	31	162	0	0

**Total Util: 16.8483**

Test n:	18		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	290	580.0000	2.1505	500	11	0	0
T2	4.0000	162	648.0000	2.4026	250	21	0	0
T3	8.0000	98	784.0000	2.9069	125	41	0	0
T4	16.0000	66	1056.0000	3.9154	62	81	0	0
T5	32.0000	50	1600.0000	5.9325	31	162	0	0

**Total Util: 17.3079**

Test n:	19		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	292	584.0000	2.1653	500	11	0	0
T2	4.0000	164	656.0000	2.4323	250	21	0	0
T3	8.0000	100	800.0000	2.9662	125	41	0	0
T4	16.0000	68	1088.0000	4.0341	62	81	0	0
T5	32.0000	52	1664.0000	6.1698	31	162	0	0

**Total Util: 17.7677**

Test n:	20		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	294	588.0000	2.1802	500	11	0	0
T2	4.0000	166	664.0000	2.4619	250	21	0	0
T3	8.0000	102	816.0000	3.0255	125	41	0	0
T4	16.0000	70	1120.0000	4.1527	62	81	0	0
T5	32.0000	54	1728.0000	6.4071	31	162	0	0

**Total Util: 18.2274**

Test n:	21		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	296	592.0000	2.1950	500	11	0	0
T2	4.0000	168	672.0000	2.4916	250	21	0	0
T3	8.0000	104	832.0000	3.0849	125	41	0	0
T4	16.0000	72	1152.0000	4.2714	62	81	0	0
T5	32.0000	56	1792.0000	6.6444	31	162	0	0

**Total Util: 18.6873**

Test n:	22		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	298	596.0000	2.2098	500	11	0	0
T2	4.0000	170	680.0000	2.5213	250	21	0	0
T3	8.0000	106	848.0000	3.1442	125	41	0	0
T4	16.0000	74	1184.0000	4.3900	62	81	0	0
T5	32.0000	58	1856.0000	6.8817	31	162	0	0

**Total Util: 19.147**

Test n:	23		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	300	600.0000	2.2246	500	11	0	0
T2	4.0000	172	688.0000	2.5509	250	21	0	0
T3	8.0000	108	864.0000	3.2035	125	41	0	0
T4	16.0000	76	1216.0000	4.5087	62	81	0	0
T5	32.0000	60	1920.0000	7.1190	31	162	0	0

**Total Util: 19.6067**

Test n:	24		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	302	604.0000	2.2395	500	11	0	0
T2	4.0000	174	696.0000	2.5806	250	21	0	0
T3	8.0000	110	880.0000	3.2628	125	41	0	0
T4	16.0000	78	1248.0000	4.6273	62	81	0	0
T5	32.0000	62	1984.0000	7.3563	31	162	0	0

**Total Util: 20.0665**

Test n:	25		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	304	608.0000	2.2543	500	11	0	0
T2	4.0000	176	704.0000	2.6103	250	21	0	0
T3	8.0000	112	896.0000	3.3222	125	41	0	0
T4	16.0000	80	1280.0000	4.7460	62	81	0	0
T5	32.0000	64	2048.0000	7.5936	31	162	0	0

**Total Util: 20.5264**

Test n:	26		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	306	612.0000	2.2691	500	11	0	0
T2	4.0000	178	712.0000	2.6399	250	21	0	0
T3	8.0000	114	912.0000	3.3815	125	41	0	0
T4	16.0000	82	1312.0000	4.8646	62	81	0	0
T5	32.0000	66	2112.0000	7.8309	31	162	0	0

**Total Util: 20.986**

Test n:	27		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	308	616.0000	2.2840	500	11	0	0
T2	4.0000	180	720.0000	2.6696	250	21	0	0
T3	8.0000	116	928.0000	3.4408	125	41	0	0
T4	16.0000	84	1344.0000	4.9833	62	81	0	0
T5	32.0000	68	2176.0000	8.0682	31	162	0	0

**Total Util: 21.4459**

Test n:	28		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	310	620.0000	2.2988	500	11	0	0

T2	4.0000	182	728.0000	2.6992	250	21	0	0
T3	8.0000	118	944.0000	3.5001	125	41	0	0
T4	16.0000	86	1376.0000	5.1019	62	81	0	0
T5	32.0000	70	2240.0000	8.3055	31	162	0	0

**Total Util: 21.9055**

Test n:	29		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	312	624.0000	2.3136	500	11	0	0
T2	4.0000	184	736.0000	2.7289	250	21	0	0
T3	8.0000	120	960.0000	3.5595	125	41	0	0
T4	16.0000	88	1408.0000	5.2206	62	81	0	0
T5	32.0000	72	2304.0000	8.5428	31	162	0	0

**Total Util: 22.3654**

Test n:	30		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	314	628.0000	2.3285	500	11	0	0
T2	4.0000	186	744.0000	2.7586	250	21	0	0
T3	8.0000	122	976.0000	3.6188	125	41	0	0
T4	16.0000	90	1440.0000	5.3392	62	81	0	0
T5	32.0000	74	2368.0000	8.7801	31	162	0	0

**Total Util: 22.8252**

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	316	632.0000	2.3433	500	11	0	0
T2	4.0000	188	752.0000	2.7882	250	21	0	0
T3	8.0000	124	992.0000	3.6781	125	41	0	0
T4	16.0000	92	1472.0000	5.4579	62	81	0	0
T5	32.0000	76	2432.0000	9.0174	31	162	0	0

**Total Util: 23.2849**

Test n:	32		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	318	636.0000	2.3581	500	11	0	0
T2	4.0000	190	760.0000	2.8179	250	21	0	0
T3	8.0000	126	1008.0000	3.7374	125	41	0	0
T4	16.0000	94	1504.0000	5.5765	62	81	0	0
T5	32.0000	78	2496.0000	9.2547	31	162	0	0

**Total Util: 23.7446**

Test n:	33		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	320	640.0000	2.3730	500	11	0	0
T2	4.0000	192	768.0000	2.8476	250	21	0	0
T3	8.0000	128	1024.0000	3.7968	125	41	0	0
T4	16.0000	96	1536.0000	5.6952	62	81	0	0
T5	32.0000	80	2560.0000	9.4920	31	162	0	0

**Total Util: 24.2046**

Test n:	34	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	322	644.0000	2.3878	500	11	0	0
T2	4.0000	194	776.0000	2.8772	250	21	0	0
T3	8.0000	130	1040.0000	3.8561	125	41	0	0
T4	16.0000	98	1568.0000	5.8138	62	81	0	0
T5	32.0000	82	2624.0000	9.7293	31	162	0	0
			<b>Total Util:</b>	<b>24.6642</b>				

Test n:	35	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	324	648.0000	2.4026	500	11	0	0
T2	4.0000	196	784.0000	2.9069	250	21	0	0
T3	8.0000	132	1056.0000	3.9154	125	41	0	0
T4	16.0000	100	1600.0000	5.9325	62	81	0	0
T5	32.0000	84	2688.0000	9.9666	31	162	0	0
			<b>Total Util:</b>	<b>25.124</b>				

Test n:	36	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	326	652.0000	2.4175	500	11	0	0
T2	4.0000	198	792.0000	2.9365	250	21	0	0
T3	8.0000	134	1072.0000	3.9747	125	41	0	0
T4	16.0000	102	1632.0000	6.0511	62	81	0	0
T5	32.0000	86	2752.0000	10.2039	31	162	0	0
			<b>Total Util:</b>	<b>25.5837</b>				

Test n:	37	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	328	656.0000	2.4323	500	11	0	0
T2	4.0000	200	800.0000	2.9662	250	21	0	0
T3	8.0000	136	1088.0000	4.0341	125	41	0	0
T4	16.0000	104	1664.0000	6.1698	62	81	0	0
T5	32.0000	88	2816.0000	10.4412	31	162	0	0
			<b>Total Util:</b>	<b>26.0436</b>				

Test n:	38	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	330	660.0000	2.4471	500	11	0	0
T2	4.0000	202	808.0000	2.9959	250	21	0	0
T3	8.0000	138	1104.0000	4.0934	125	41	0	0
T4	16.0000	106	1696.0000	6.2884	62	81	0	0
T5	32.0000	90	2880.0000	10.6785	31	162	0	0
			<b>Total Util:</b>	<b>26.5033</b>				

Test n:	39	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	332	664.0000	2.4619	500	11	0	0
T2	4.0000	204	816.0000	3.0255	250	21	0	0



T3	8.0000	140	1120.0000	4.1527	125	41	0	0
T4	16.0000	108	1728.0000	6.4071	62	81	0	0
T5	32.0000	92	2944.0000	10.9158	31	162	0	0

**Total Util: 26.963**

Test n:	40		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	334	668.0000	2.4768	500	11	0	0
T2	4.0000	206	824.0000	3.0552	250	21	0	0
T3	8.0000	142	1136.0000	4.2120	125	41	0	0
T4	16.0000	110	1760.0000	6.5257	62	81	0	0
T5	32.0000	94	3008.0000	11.1531	31	162	0	0

**Total Util: 27.4228**

Test n:	41		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	336	672.0000	2.4916	500	11	0	0
T2	4.0000	208	832.0000	3.0849	250	21	0	0
T3	8.0000	144	1152.0000	4.2714	125	41	0	0
T4	16.0000	112	1792.0000	6.6444	62	81	0	0
T5	32.0000	96	3072.0000	11.3904	31	162	0	0

**Total Util: 27.8827**

Test n:	42		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	338	676.0000	2.5064	500	11	0	0
T2	4.0000	210	840.0000	3.1145	250	21	0	0
T3	8.0000	146	1168.0000	4.3307	125	41	0	0
T4	16.0000	114	1824.0000	6.7630	62	81	0	0
T5	32.0000	98	3136.0000	11.6277	31	162	0	0

**Total Util: 28.3423**

Test n:	43		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	340	680.0000	2.5213	500	11	0	0
T2	4.0000	212	848.0000	3.1442	250	21	0	0
T3	8.0000	148	1184.0000	4.3900	125	41	0	0
T4	16.0000	116	1856.0000	6.8817	62	81	0	0
T5	32.0000	100	3200.0000	11.8650	31	162	0	0

**Total Util: 28.8022**

Test n:	44		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	342	684.0000	2.5361	500	11	0	0
T2	4.0000	214	856.0000	3.1738	250	21	0	0
T3	8.0000	150	1200.0000	4.4493	125	41	0	0
T4	16.0000	118	1888.0000	7.0003	62	81	0	0
T5	32.0000	102	3264.0000	12.1023	31	162	0	0

**Total Util: 29.2618**

Test n:	45		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	344	688.0000	2.5509	500	11	0	0
T2	4.0000	216	864.0000	3.2035	250	21	0	0
T3	8.0000	152	1216.0000	4.5087	125	41	0	0
T4	16.0000	120	1920.0000	7.1190	62	81	0	0
T5	32.0000	104	3328.0000	12.3396	31	162	0	0

**Total Util: 29.7217**

Test n:	46		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	346	692.0000	2.5658	500	11	0	0
T2	4.0000	218	872.0000	3.2332	250	21	0	0
T3	8.0000	154	1232.0000	4.5680	125	41	0	0
T4	16.0000	122	1952.0000	7.2376	62	81	0	0
T5	32.0000	106	3392.0000	12.5769	31	162	0	0

**Total Util: 30.1815**

Test n:	47		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	348	696.0000	2.5806	500	11	0	0
T2	4.0000	220	880.0000	3.2628	250	21	0	0
T3	8.0000	156	1248.0000	4.6273	125	41	0	0
T4	16.0000	124	1984.0000	7.3563	62	81	0	0
T5	32.0000	108	3456.0000	12.8142	31	162	0	0

**Total Util: 30.6412**

Test n:	48		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	350	700.0000	2.5954	500	11	0	0
T2	4.0000	222	888.0000	3.2925	250	21	0	0
T3	8.0000	158	1264.0000	4.6866	125	41	0	0
T4	16.0000	126	2016.0000	7.4749	62	81	0	0
T5	32.0000	110	3520.0000	13.0515	31	162	0	0

**Total Util: 31.1009**

Test n:	49		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	352	704.0000	2.6103	500	11	0	0
T2	4.0000	224	896.0000	3.3222	250	21	0	0
T3	8.0000	160	1280.0000	4.7460	125	41	0	0
T4	16.0000	128	2048.0000	7.5936	62	81	0	0
T5	32.0000	112	3584.0000	13.2888	31	162	0	0

**Total Util: 31.5609**

Test n:	50		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	354	708.0000	2.6251	500	11	0	0
T2	4.0000	226	904.0000	3.3518	250	21	0	0
T3	8.0000	162	1296.0000	4.8053	125	41	0	0

T4	16.0000	130	2080.0000	7.7122	62	81	0	0
T5	32.0000	114	3648.0000	13.5261	31	162	0	0
<b>Total Util: 32.0205</b>								

Test n:	51		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	356	712.0000	2.6399	500	11	0	0
T2	4.0000	228	912.0000	3.3815	250	21	0	0
T3	8.0000	164	1312.0000	4.8646	125	41	0	0
T4	16.0000	132	2112.0000	7.8309	62	81	0	0
T5	32.0000	116	3712.0000	13.7634	31	162	0	0
<b>Total Util: 32.4803</b>								

Test n:	52		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	358	716.0000	2.6548	500	11	0	0
T2	4.0000	230	920.0000	3.4111	250	21	0	0
T3	8.0000	166	1328.0000	4.9239	125	41	0	0
T4	16.0000	134	2144.0000	7.9495	62	81	0	0
T5	32.0000	118	3776.0000	14.0007	31	162	0	0
<b>Total Util: 32.94</b>								

Test n:	53		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	360	720.0000	2.6696	500	11	0	0
T2	4.0000	232	928.0000	3.4408	250	21	0	0
T3	8.0000	168	1344.0000	4.9833	125	41	0	0
T4	16.0000	136	2176.0000	8.0682	62	81	0	0
T5	32.0000	120	3840.0000	14.2380	31	162	0	0
<b>Total Util: 33.3999</b>								

Test n:	54		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	362	724.0000	2.6844	500	11	0	0
T2	4.0000	234	936.0000	3.4705	250	21	0	0
T3	8.0000	170	1360.0000	5.0426	125	41	0	0
T4	16.0000	138	2208.0000	8.1868	62	81	0	0
T5	32.0000	122	3904.0000	14.4753	31	162	0	0
<b>Total Util: 33.8596</b>								

Test n:	55		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	364	728.0000	2.6992	500	11	0	0
T2	4.0000	236	944.0000	3.5001	250	21	0	0
T3	8.0000	172	1376.0000	5.1019	125	41	0	0
T4	16.0000	140	2240.0000	8.3055	62	81	0	0
T5	32.0000	124	3968.0000	14.7126	31	162	0	0
<b>Total Util: 34.3193</b>								

Test n:	56		Status:	Running				
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Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	366	732.0000	2.7141	500	11	0	0
T2	4.0000	238	952.0000	3.5298	250	21	0	0
T3	8.0000	174	1392.0000	5.1612	125	41	0	0
T4	16.0000	142	2272.0000	8.4241	62	81	0	0
T5	32.0000	126	4032.0000	14.9499	31	162	0	0
<b>Total Util: 34.7791</b>								

Test n:	57		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	368	736.0000	2.7289	500	11	0	0
T2	4.0000	240	960.0000	3.5595	250	21	0	0
T3	8.0000	176	1408.0000	5.2206	125	41	0	0
T4	16.0000	144	2304.0000	8.5428	62	81	0	0
T5	32.0000	128	4096.0000	15.1872	31	162	0	0
<b>Total Util: 35.239</b>								

Test n:	58		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	370	740.0000	2.7437	500	11	0	0
T2	4.0000	242	968.0000	3.5891	250	21	0	0
T3	8.0000	178	1424.0000	5.2799	125	41	0	0
T4	16.0000	146	2336.0000	8.6614	62	81	0	0
T5	32.0000	130	4160.0000	15.4245	31	162	0	0
<b>Total Util: 35.6986</b>								

Test n:	59		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	372	744.0000	2.7586	500	11	0	0
T2	4.0000	244	976.0000	3.6188	250	21	0	0
T3	8.0000	180	1440.0000	5.3392	125	41	0	0
T4	16.0000	148	2368.0000	8.7801	62	81	0	0
T5	32.0000	132	4224.0000	15.6618	31	162	0	0
<b>Total Util: 36.1585</b>								

Test n:	60		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	374	748.0000	2.7734	500	11	0	0
T2	4.0000	246	984.0000	3.6484	250	21	0	0
T3	8.0000	182	1456.0000	5.3985	125	41	0	0
T4	16.0000	150	2400.0000	8.8987	62	81	0	0
T5	32.0000	134	4288.0000	15.8991	31	162	0	0
<b>Total Util: 36.6181</b>								

Test n:	61		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	376	752.0000	2.7882	500	11	0	0
T2	4.0000	248	992.0000	3.6781	250	21	0	0
T3	8.0000	184	1472.0000	5.4579	125	41	0	0
T4	16.0000	152	2432.0000	9.0174	62	81	0	0

T5	32.0000	136	4352.0000	16.1364	31	162	0	0
<b>Total Util: 37.078</b>								

Test n:	62		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	378	756.0000	2.8031	500	11	0	0
T2	4.0000	250	1000.0000	3.7078	250	21	0	0
T3	8.0000	186	1488.0000	5.5172	125	41	0	0
T4	16.0000	154	2464.0000	9.1360	62	81	0	0
T5	32.0000	138	4416.0000	16.3737	31	162	0	0
<b>Total Util: 37.5378</b>								

Test n:	63		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	380	760.0000	2.8179	500	11	0	0
T2	4.0000	252	1008.0000	3.7374	250	21	0	0
T3	8.0000	188	1504.0000	5.5765	125	41	0	0
T4	16.0000	156	2496.0000	9.2547	62	81	0	0
T5	32.0000	140	4480.0000	16.6110	31	162	0	0
<b>Total Util: 37.9975</b>								

Test n:	64		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	382	764.0000	2.8327	500	11	0	0
T2	4.0000	254	1016.0000	3.7671	250	21	0	0
T3	8.0000	190	1520.0000	5.6358	125	41	0	0
T4	16.0000	158	2528.0000	9.3733	62	81	0	0
T5	32.0000	142	4544.0000	16.8483	31	162	0	0
<b>Total Util: 38.4572</b>								

Test n:	65		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	384	768.0000	2.8476	500	11	0	0
T2	4.0000	256	1024.0000	3.7968	250	21	0	0
T3	8.0000	192	1536.0000	5.6952	125	41	0	0
T4	16.0000	160	2560.0000	9.4920	62	81	0	0
T5	32.0000	144	4608.0000	17.0856	31	162	0	0
<b>Total Util: 38.9172</b>								

Test n:	66		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	386	772.0000	2.8624	500	11	0	0
T2	4.0000	258	1032.0000	3.8264	250	21	0	0
T3	8.0000	194	1552.0000	5.7545	125	41	0	0
T4	16.0000	162	2592.0000	9.6106	62	81	0	0
T5	32.0000	146	4672.0000	17.3229	31	162	0	0
<b>Total Util: 39.3768</b>								

Test n:	67		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.0000	388	776.0000	2.8772	500	11	0	0
T2	4.0000	260	1040.0000	3.8561	250	21	0	0
T3	8.0000	196	1568.0000	5.8138	125	41	0	0
T4	16.0000	164	2624.0000	9.7293	62	81	0	0
T5	32.0000	148	4736.0000	17.5602	31	162	0	0

**Total Util: 39.8366**

Test n:	68		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	390	780.0000	2.8921	500	11	0	0
T2	4.0000	262	1048.0000	3.8857	250	21	0	0
T3	8.0000	198	1584.0000	5.8731	125	41	0	0
T4	16.0000	166	2656.0000	9.8479	62	81	0	0
T5	32.0000	150	4800.0000	17.7975	31	162	0	0

**Total Util: 40.2963**

Test n:	69		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	392	784.0000	2.9069	500	11	0	0
T2	4.0000	264	1056.0000	3.9154	250	21	0	0
T3	8.0000	200	1600.0000	5.9325	125	41	0	0
T4	16.0000	168	2688.0000	9.9666	62	81	0	0
T5	32.0000	152	4864.0000	18.0348	31	162	0	0

**Total Util: 40.7562**

Test n:	70		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	394	788.0000	2.9217	500	11	0	0
T2	4.0000	266	1064.0000	3.9451	250	21	0	0
T3	8.0000	202	1616.0000	5.9918	125	41	0	0
T4	16.0000	170	2720.0000	10.0852	62	81	0	0
T5	32.0000	154	4928.0000	18.2721	31	162	0	0

**Total Util: 41.2159**

Test n:	71		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	396	792.0000	2.9365	500	11	0	0
T2	4.0000	268	1072.0000	3.9747	250	21	0	0
T3	8.0000	204	1632.0000	6.0511	125	41	0	0
T4	16.0000	172	2752.0000	10.2039	62	81	0	0
T5	32.0000	156	4992.0000	18.5094	31	162	0	0

**Total Util: 41.6756**

Test n:	72		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	398	796.0000	2.9514	500	11	0	0
T2	4.0000	270	1080.0000	4.0044	250	21	0	0
T3	8.0000	206	1648.0000	6.1104	125	41	0	0
T4	16.0000	174	2784.0000	10.3225	62	81	0	0
T5	32.0000	158	5056.0000	18.7467	31	162	0	0

**Total Util: 42.1354**

Test n:	73	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	400	800.0000	2.9662	500	11	0	0
T2	4.0000	272	1088.0000	4.0341	250	21	0	0
T3	8.0000	208	1664.0000	6.1698	125	41	0	0
T4	16.0000	176	2816.0000	10.4412	62	81	0	0
T5	32.0000	160	5120.0000	18.9840	31	162	0	0

**Total Util: 42.5953**

Test n:	74	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	402	804.0000	2.9810	500	11	0	0
T2	4.0000	274	1096.0000	4.0637	250	21	0	0
T3	8.0000	210	1680.0000	6.2291	125	41	0	0
T4	16.0000	178	2848.0000	10.5598	62	81	0	0
T5	32.0000	162	5184.0000	19.2213	31	162	0	0

**Total Util: 43.0549**

Test n:	75	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	404	808.0000	2.9959	500	11	0	0
T2	4.0000	276	1104.0000	4.0934	250	21	0	0
T3	8.0000	212	1696.0000	6.2884	125	41	0	0
T4	16.0000	180	2880.0000	10.6785	62	81	0	0
T5	32.0000	164	5248.0000	19.4586	31	162	0	0

**Total Util: 43.5148**

Test n:	76	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	406	812.0000	3.0107	500	11	0	0
T2	4.0000	278	1112.0000	4.1230	250	21	0	0
T3	8.0000	214	1712.0000	6.3477	125	41	0	0
T4	16.0000	182	2912.0000	10.7971	62	81	0	0
T5	32.0000	166	5312.0000	19.6959	31	162	0	0

**Total Util: 43.9744**

Test n:	77	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	408	816.0000	3.0255	500	11	0	0
T2	4.0000	280	1120.0000	4.1527	250	21	0	0
T3	8.0000	216	1728.0000	6.4071	125	41	0	0
T4	16.0000	184	2944.0000	10.9158	62	81	0	0
T5	32.0000	168	5376.0000	19.9332	31	162	0	0

**Total Util: 44.4343**

Test n:	78	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	410	820.0000	3.0404	500	11	0	0

T2	4.0000	282	1128.0000	4.1824	250	21	0	0
T3	8.0000	218	1744.0000	6.4664	125	41	0	0
T4	16.0000	186	2976.0000	11.0344	62	81	0	0
T5	32.0000	170	5440.0000	20.1705	31	162	0	0

**Total Util: 44.8941**

Test n:	79		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	412	824.0000	3.0552	500	11	0	0
T2	4.0000	284	1136.0000	4.2120	250	21	0	0
T3	8.0000	220	1760.0000	6.5257	125	41	0	0
T4	16.0000	188	3008.0000	11.1531	62	81	0	0
T5	32.0000	172	5504.0000	20.4078	31	162	0	0

**Total Util: 45.3538**

Test n:	80		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	414	828.0000	3.0700	500	11	0	0
T2	4.0000	286	1144.0000	4.2417	250	21	0	0
T3	8.0000	222	1776.0000	6.5850	125	41	0	0
T4	16.0000	190	3040.0000	11.2717	62	81	0	0
T5	32.0000	174	5568.0000	20.6451	31	162	0	0

**Total Util: 45.8135**

Test n:	81		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	416	832.0000	3.0849	500	11	0	0
T2	4.0000	288	1152.0000	4.2714	250	21	0	0
T3	8.0000	224	1792.0000	6.6444	125	41	0	0
T4	16.0000	192	3072.0000	11.3904	62	81	0	0
T5	32.0000	176	5632.0000	20.8824	31	162	0	0

**Total Util: 46.2735**

Test n:	82		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	418	836.0000	3.0997	500	11	0	0
T2	4.0000	290	1160.0000	4.3010	250	21	0	0
T3	8.0000	226	1808.0000	6.7037	125	41	0	0
T4	16.0000	194	3104.0000	11.5090	62	81	0	0
T5	32.0000	178	5696.0000	21.1197	31	162	0	0

**Total Util: 46.7331**

Test n:	83		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	420	840.0000	3.1145	500	11	0	0
T2	4.0000	292	1168.0000	4.3307	250	21	0	0
T3	8.0000	228	1824.0000	6.7630	125	41	0	0
T4	16.0000	196	3136.0000	11.6277	62	81	0	0
T5	32.0000	180	5760.0000	21.3570	31	162	0	0

**Total Util: 47.1929**



Test n:	84	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	422	844.0000	3.1294	500	11	0	0
T2	4.0000	294	1176.0000	4.3604	250	21	0	0
T3	8.0000	230	1840.0000	6.8223	125	41	0	0
T4	16.0000	198	3168.0000	11.7463	62	81	0	0
T5	32.0000	182	5824.0000	21.5943	31	162	0	0
			<b>Total Util: 47.6527</b>					

Test n:	85	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	424	848.0000	3.1442	500	11	0	0
T2	4.0000	296	1184.0000	4.3900	250	21	0	0
T3	8.0000	232	1856.0000	6.8817	125	41	0	0
T4	16.0000	200	3200.0000	11.8650	62	81	0	0
T5	32.0000	184	5888.0000	21.8316	31	162	0	0
			<b>Total Util: 48.1125</b>					

Test n:	86	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	426	852.0000	3.1590	500	11	0	0
T2	4.0000	298	1192.0000	4.4197	250	21	0	0
T3	8.0000	234	1872.0000	6.9410	125	41	0	0
T4	16.0000	202	3232.0000	11.9836	62	81	0	0
T5	32.0000	186	5952.0000	22.0689	31	162	0	0
			<b>Total Util: 48.5722</b>					

Test n:	87	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	428	856.0000	3.1738	500	11	0	0
T2	4.0000	300	1200.0000	4.4493	250	21	0	0
T3	8.0000	236	1888.0000	7.0003	125	41	0	0
T4	16.0000	204	3264.0000	12.1023	62	81	0	0
T5	32.0000	188	6016.0000	22.3062	31	162	0	0
			<b>Total Util: 49.0319</b>					

Test n:	88	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	430	860.0000	3.1887	500	11	0	0
T2	4.0000	302	1208.0000	4.4790	250	21	0	0
T3	8.0000	238	1904.0000	7.0596	125	41	0	0
T4	16.0000	206	3296.0000	12.2209	62	81	0	0
T5	32.0000	190	6080.0000	22.5435	31	162	0	0
			<b>Total Util: 49.4917</b>					

Test n:	89	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	432	864.0000	3.2035	500	11	0	0
T2	4.0000	304	1216.0000	4.5087	250	21	0	0

T3	8.0000	240	1920.0000	7.1190	125	41	0	0
T4	16.0000	208	3328.0000	12.3396	62	81	0	0
T5	32.0000	192	6144.0000	22.7808	31	162	0	0
<b>Total Util: 49.9516</b>								

Test n:	90		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	434	868.0000	3.2183	500	11	0	0
T2	4.0000	306	1224.0000	4.5383	250	21	0	0
T3	8.0000	242	1936.0000	7.1783	125	41	0	0
T4	16.0000	210	3360.0000	12.4582	62	81	0	0
T5	32.0000	194	6208.0000	23.0181	31	162	0	0
Total Util:				50.4112				

Test n:	91		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	436	872.0000	3.2332	500	11	0	0
T2	4.0000	308	1232.0000	4.5680	250	21	0	0
T3	8.0000	244	1952.0000	7.2376	125	41	0	0
T4	16.0000	212	3392.0000	12.5769	62	81	0	0
T5	32.0000	196	6272.0000	23.2554	31	162	0	0
Total Util:				50.8711				

Test n:	92	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	438	876.0000	3.2480	500	11	0	0
T2	4.0000	310	1240.0000	4.5977	250	21	0	0
T3	8.0000	246	1968.0000	7.2969	125	41	0	0
T4	16.0000	214	3424.0000	12.6955	62	81	0	0
T5	32.0000	198	6336.0000	23.4927	31	162	0	0
Total Util:				51.3308				

Test n:	93		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	440	880.0000	3.2628	500	11	0	0
T2	4.0000	312	1248.0000	4.6273	250	21	0	0
T3	8.0000	248	1984.0000	7.3563	125	41	0	0
T4	16.0000	216	3456.0000	12.8142	62	81	0	0
T5	32.0000	200	6400.0000	23.7300	31	162	0	0
Total Util:				51.7906				

Test n:	94		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	442	884.0000	3.2777	500	11	0	0
T2	4.0000	314	1256.0000	4.6570	250	21	0	0
T3	8.0000	250	2000.0000	7.4156	125	41	0	0
T4	16.0000	218	3488.0000	12.9328	62	81	0	0
T5	32.0000	202	6464.0000	23.9673	31	162	0	0
Total Util:				52.2504				

Test n:	95	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	444	888.0000	3.2925	500	11	0	0
T2	4.0000	316	1264.0000	4.6866	250	21	0	0
T3	8.0000	252	2016.0000	7.4749	125	41	0	0
T4	16.0000	220	3520.0000	13.0515	62	81	0	0
T5	32.0000	204	6528.0000	24.2046	31	162	0	0
			<b>Total Util:</b>	<b>52.7101</b>				

Test n:	96	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	446	892.0000	3.3073	500	11	0	0
T2	4.0000	318	1272.0000	4.7163	250	21	0	0
T3	8.0000	254	2032.0000	7.5342	125	41	0	0
T4	16.0000	222	3552.0000	13.1701	62	81	0	0
T5	32.0000	206	6592.0000	24.4419	31	162	0	0
			<b>Total Util:</b>	<b>53.1698</b>				

Test n:	97	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	448	896.0000	3.3222	500	11	0	0
T2	4.0000	320	1280.0000	4.7460	250	21	0	0
T3	8.0000	256	2048.0000	7.5936	125	41	0	0
T4	16.0000	224	3584.0000	13.2888	62	81	0	0
T5	32.0000	208	6656.0000	24.6792	31	162	0	0
			<b>Total Util:</b>	<b>53.6298</b>				

Test n:	98	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	450	900.0000	3.3370	500	11	0	0
T2	4.0000	322	1288.0000	4.7756	250	21	0	0
T3	8.0000	258	2064.0000	7.6529	125	41	0	0
T4	16.0000	226	3616.0000	13.4074	62	81	0	0
T5	32.0000	210	6720.0000	24.9165	31	162	0	0
			<b>Total Util:</b>	<b>54.0894</b>				

Test n:	99	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	452	904.0000	3.3518	500	11	0	0
T2	4.0000	324	1296.0000	4.8053	250	21	0	0
T3	8.0000	260	2080.0000	7.7122	125	41	0	0
T4	16.0000	228	3648.0000	13.5261	62	81	0	0
T5	32.0000	212	6784.0000	25.1538	31	162	0	0
			<b>Total Util:</b>	<b>54.5492</b>				

Test n:	100	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	454	908.0000	3.3667	500	11	0	0
T2	4.0000	326	1304.0000	4.8350	250	21	0	0
T3	8.0000	262	2096.0000	7.7715	125	41	0	0

T4	16.0000	230	3680.0000	13.6447	62	81	0	0
T5	32.0000	214	6848.0000	25.3911	31	162	0	0
<b>Total Util: 55.009</b>								

Test n:	101		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	456	912.0000	3.3815	500	11	0	0
T2	4.0000	328	1312.0000	4.8646	250	21	0	0
T3	8.0000	264	2112.0000	7.8309	125	41	0	0
T4	16.0000	232	3712.0000	13.7634	62	81	0	0
T5	32.0000	216	6912.0000	25.6284	31	162	0	0
<b>Total Util: 55.4688</b>								

Test n:	102		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	458	916.0000	3.3963	500	11	0	0
T2	4.0000	330	1320.0000	4.8943	250	21	0	0
T3	8.0000	266	2128.0000	7.8902	125	41	0	0
T4	16.0000	234	3744.0000	13.8820	62	81	0	0
T5	32.0000	218	6976.0000	25.8657	31	162	0	0
<b>Total Util: 55.9285</b>								

Test n:	103		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	460	920.0000	3.4111	500	11	0	0
T2	4.0000	332	1328.0000	4.9239	250	21	0	0
T3	8.0000	268	2144.0000	7.9495	125	41	0	0
T4	16.0000	236	3776.0000	14.0007	62	81	0	0
T5	32.0000	220	7040.0000	26.1030	31	162	0	0
<b>Total Util: 56.3882</b>								

Test n:	104		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	462	924.0000	3.4260	500	11	0	0
T2	4.0000	334	1336.0000	4.9536	250	21	0	0
T3	8.0000	270	2160.0000	8.0088	125	41	0	0
T4	16.0000	238	3808.0000	14.1193	62	81	0	0
T5	32.0000	222	7104.0000	26.3403	31	162	0	0
<b>Total Util: 56.848</b>								

Test n:	105		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	464	928.0000	3.4408	500	11	0	0
T2	4.0000	336	1344.0000	4.9833	250	21	0	0
T3	8.0000	272	2176.0000	8.0682	125	41	0	0
T4	16.0000	240	3840.0000	14.2380	62	81	0	0
T5	32.0000	224	7168.0000	26.5776	31	162	0	0
<b>Total Util: 57.3079</b>								

Test n:	106		Status:	Running				
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Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	466	932.0000	3.4556	500	11	0	0
T2	4.0000	338	1352.0000	5.0129	250	21	0	0
T3	8.0000	274	2192.0000	8.1275	125	41	0	0
T4	16.0000	242	3872.0000	14.3566	62	81	0	0
T5	32.0000	226	7232.0000	26.8149	31	162	0	0
<b>Total Util: 57.7675</b>								

Test n:	107		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	468	936.0000	3.4705	500	11	0	0
T2	4.0000	340	1360.0000	5.0426	250	21	0	0
T3	8.0000	276	2208.0000	8.1868	125	41	0	0
T4	16.0000	244	3904.0000	14.4753	62	81	0	0
T5	32.0000	228	7296.0000	27.0522	31	162	0	0
<b>Total Util: 58.2274</b>								

Test n:	108		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	470	940.0000	3.4853	500	11	0	0
T2	4.0000	342	1368.0000	5.0723	250	21	0	0
T3	8.0000	278	2224.0000	8.2461	125	41	0	0
T4	16.0000	246	3936.0000	14.5939	62	81	0	0
T5	32.0000	230	7360.0000	27.2895	31	162	0	0
<b>Total Util: 58.6871</b>								

Test n:	109		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	472	944.0000	3.5001	500	11	0	0
T2	4.0000	344	1376.0000	5.1019	250	21	0	0
T3	8.0000	280	2240.0000	8.3055	125	41	0	0
T4	16.0000	248	3968.0000	14.7126	62	81	0	0
T5	32.0000	232	7424.0000	27.5268	31	162	0	0
<b>Total Util: 59.1469</b>								

Test n:	110		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	474	948.0000	3.5150	500	11	0	0
T2	4.0000	346	1384.0000	5.1316	250	21	0	0
T3	8.0000	282	2256.0000	8.3648	125	41	0	0
T4	16.0000	250	4000.0000	14.8312	62	81	0	0
T5	32.0000	234	7488.0000	27.7641	31	162	0	0
<b>Total Util: 59.6067</b>								

Test n:	111		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	476	952.0000	3.5298	500	11	0	0
T2	4.0000	348	1392.0000	5.1612	250	21	0	0
T3	8.0000	284	2272.0000	8.4241	125	41	0	0
T4	16.0000	252	4032.0000	14.9499	62	81	0	0

T5	32.0000	236	7552.0000	28.0014	31	162	0	0
<b>Total Util: 60.0664</b>								

Test n:	112		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	478	956.0000	3.5446	500	11	0	0
T2	4.0000	350	1400.0000	5.1909	250	21	0	0
T3	8.0000	286	2288.0000	8.4835	125	41	0	0
T4	16.0000	254	4064.0000	15.0685	62	81	0	0
T5	32.0000	238	7616.0000	28.2387	31	162	0	0
<b>Total Util: 60.5262</b>								

Test n:	113		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	480	960.0000	3.5595	500	11	0	0
T2	4.0000	352	1408.0000	5.2206	250	21	0	0
T3	8.0000	288	2304.0000	8.5428	125	41	0	0
T4	16.0000	256	4096.0000	15.1872	62	81	0	0
T5	32.0000	240	7680.0000	28.4760	31	162	0	0
<b>Total Util: 60.9861</b>								

Test n:	114		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	482	964.0000	3.5743	500	11	0	0
T2	4.0000	354	1416.0000	5.2502	250	21	0	0
T3	8.0000	290	2320.0000	8.6021	125	41	0	0
T4	16.0000	258	4128.0000	15.3058	62	81	0	0
T5	32.0000	242	7744.0000	28.7133	31	162	0	0
<b>Total Util: 61.4457</b>								

Test n:	115		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	484	968.0000	3.5891	500	11	0	0
T2	4.0000	356	1424.0000	5.2799	250	21	0	0
T3	8.0000	292	2336.0000	8.6614	125	41	0	0
T4	16.0000	260	4160.0000	15.4245	62	81	0	0
T5	32.0000	244	7808.0000	28.9506	31	161	0	0
<b>Total Util: 61.9055</b>								

Test n:	116		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	486	972.0000	3.6040	500	11	0	0
T2	4.0000	358	1432.0000	5.3096	250	21	0	0
T3	8.0000	294	2352.0000	8.7208	125	41	0	0
T4	16.0000	262	4192.0000	15.5431	62	81	0	0
T5	32.0000	246	7872.0000	29.1879	31	162	0	0
<b>Total Util: 62.3654</b>								

Test n:	117		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.0000	488	976.0000	3.6188	500	11	0	0
T2	4.0000	360	1440.0000	5.3392	250	21	0	0
T3	8.0000	296	2368.0000	8.7801	125	41	0	0
T4	16.0000	264	4224.0000	15.6618	62	81	0	0
T5	32.0000	248	7936.0000	29.4252	31	162	0	0

**Total Util: 62.8251**

Test n:	118		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	490	980.0000	3.6336	500	11	0	0
T2	4.0000	362	1448.0000	5.3689	250	21	0	0
T3	8.0000	298	2384.0000	8.8394	125	41	0	0
T4	16.0000	266	4256.0000	15.7804	62	81	0	0
T5	32.0000	250	8000.0000	29.6625	31	162	0	0

**Total Util: 63.2848**

Test n:	119		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	492	984.0000	3.6484	500	11	0	0
T2	4.0000	364	1456.0000	5.3985	250	21	0	0
T3	8.0000	300	2400.0000	8.8987	125	41	0	0
T4	16.0000	268	4288.0000	15.8991	62	81	0	0
T5	32.0000	252	8064.0000	29.8998	31	162	0	0

**Total Util: 63.7445**

Test n:	120		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	494	988.0000	3.6633	500	11	0	0
T2	4.0000	366	1464.0000	5.4282	250	21	0	0
T3	8.0000	302	2416.0000	8.9581	125	41	0	0
T4	16.0000	270	4320.0000	16.0177	62	81	0	0
T5	32.0000	254	8128.0000	30.1371	31	162	0	0

**Total Util: 64.2044**

Test n:	121		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	496	992.0000	3.6781	500	11	0	0
T2	4.0000	368	1472.0000	5.4579	250	21	0	0
T3	8.0000	304	2432.0000	9.0174	125	41	0	0
T4	16.0000	272	4352.0000	16.1364	62	81	0	0
T5	32.0000	256	8192.0000	30.3744	31	162	0	0

**Total Util: 64.6642**

Test n:	122		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	498	996.0000	3.6929	500	11	0	0
T2	4.0000	370	1480.0000	5.4875	250	21	0	0
T3	8.0000	306	2448.0000	9.0767	125	41	0	0
T4	16.0000	274	4384.0000	16.2550	62	81	0	0
T5	32.0000	258	8256.0000	30.6117	31	162	0	0

**Total Util: 65.1238**

Test n:	123	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	500	1000.0000	3.7078	500	11	0	0
T2	4.0000	372	1488.0000	5.5172	250	21	0	0
T3	8.0000	308	2464.0000	9.1360	125	41	0	0
T4	16.0000	276	4416.0000	16.3737	62	81	0	0
T5	32.0000	260	8320.0000	30.8490	31	162	0	0

**Total Util: 65.5837**

Test n:	124	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	502	1004.0000	3.7226	500	11	0	0
T2	4.0000	374	1496.0000	5.5469	250	21	0	0
T3	8.0000	310	2480.0000	9.1954	125	41	0	0
T4	16.0000	278	4448.0000	16.4923	62	81	0	0
T5	32.0000	262	8384.0000	31.0863	31	162	0	0

**Total Util: 66.0435**

Test n:	125	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	504	1008.0000	3.7374	500	11	0	0
T2	4.0000	376	1504.0000	5.5765	250	21	0	0
T3	8.0000	312	2496.0000	9.2547	125	41	0	0
T4	16.0000	280	4480.0000	16.6110	62	81	0	0
T5	32.0000	264	8448.0000	31.3236	31	162	0	0

**Total Util: 66.5032**

Test n:	126	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	506	1012.0000	3.7523	500	11	0	0
T2	4.0000	378	1512.0000	5.6062	250	21	0	0
T3	8.0000	314	2512.0000	9.3140	125	41	0	0
T4	16.0000	282	4512.0000	16.7296	62	81	0	0
T5	32.0000	266	8512.0000	31.5609	31	162	0	0

**Total Util: 66.963**

Test n:	127	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	508	1016.0000	3.7671	500	11	0	0
T2	4.0000	380	1520.0000	5.6358	250	21	0	0
T3	8.0000	316	2528.0000	9.3733	125	41	0	0
T4	16.0000	284	4544.0000	16.8483	62	81	0	0
T5	32.0000	268	8576.0000	31.7982	31	162	0	0

**Total Util: 67.4227**

Test n:	128	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	510	1020.0000	3.7819	500	11	0	0



T2	4.0000	382	1528.0000	5.6655	250	21	0	0
T3	8.0000	318	2544.0000	9.4327	125	41	0	0
T4	16.0000	286	4576.0000	16.9670	62	81	0	0
T5	32.0000	270	8640.0000	32.0355	31	162	0	0

**Total Util: 67.8826**

Test n:	129		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	512	1024.0000	3.7968	500	11	0	0
T2	4.0000	384	1536.0000	5.6952	250	21	0	0
T3	8.0000	320	2560.0000	9.4920	125	41	0	0
T4	16.0000	288	4608.0000	17.0856	62	81	0	0
T5	32.0000	272	8704.0000	32.2728	31	162	0	0

**Total Util: 68.3424**

Test n:	130		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	514	1028.0000	3.8116	500	11	0	0
T2	4.0000	386	1544.0000	5.7248	250	21	0	0
T3	8.0000	322	2576.0000	9.5513	125	41	0	0
T4	16.0000	290	4640.0000	17.2043	62	81	0	0
T5	32.0000	274	8768.0000	32.5101	31	162	0	0

**Total Util: 68.8021**

Test n:	131		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	516	1032.0000	3.8264	500	11	0	0
T2	4.0000	388	1552.0000	5.7545	250	21	0	0
T3	8.0000	324	2592.0000	9.6106	125	41	0	0
T4	16.0000	292	4672.0000	17.3229	62	81	0	0
T5	32.0000	276	8832.0000	32.7474	31	162	0	0

**Total Util: 69.2618**

Test n:	132		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	518	1036.0000	3.8413	500	11	0	0
T2	4.0000	390	1560.0000	5.7842	250	21	0	0
T3	8.0000	326	2608.0000	9.6700	125	41	0	0
T4	16.0000	294	4704.0000	17.4416	62	81	0	0
T5	32.0000	278	8896.0000	32.9847	31	162	0	0

**Total Util: 69.7218**

Test n:	133		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	520	1040.0000	3.8561	500	11	0	0
T2	4.0000	392	1568.0000	5.8138	250	21	0	0
T3	8.0000	328	2624.0000	9.7293	125	41	0	0
T4	16.0000	296	4736.0000	17.5602	62	81	0	0
T5	32.0000	280	8960.0000	33.2220	31	162	0	0

**Total Util: 70.1814**

Test n:	134	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	522	1044.0000	3.8709	500	11	0	0
T2	4.0000	394	1576.0000	5.8435	250	21	0	0
T3	8.0000	330	2640.0000	9.7886	125	41	0	0
T4	16.0000	298	4768.0000	17.6789	62	81	0	0
T5	32.0000	282	9024.0000	33.4593	31	162	0	0
			<b>Total Util:</b>	<b>70.6412</b>				

Test n:	135	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	524	1048.0000	3.8857	500	11	0	0
T2	4.0000	396	1584.0000	5.8731	250	21	0	0
T3	8.0000	332	2656.0000	9.8479	125	41	0	0
T4	16.0000	300	4800.0000	17.7975	62	81	0	0
T5	32.0000	284	9088.0000	33.6967	31	162	0	0
			<b>Total Util:</b>	<b>71.1009</b>				

Test n:	136	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	526	1052.0000	3.9006	500	11	0	0
T2	4.0000	398	1592.0000	5.9028	250	21	0	0
T3	8.0000	334	2672.0000	9.9073	125	41	0	0
T4	16.0000	302	4832.0000	17.9162	62	81	0	0
T5	32.0000	286	9152.0000	33.9340	31	162	0	0
			<b>Total Util:</b>	<b>71.5609</b>				

Test n:	137	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	528	1056.0000	3.9154	500	11	0	0
T2	4.0000	400	1600.0000	5.9325	250	21	0	0
T3	8.0000	336	2688.0000	9.9666	125	41	0	0
T4	16.0000	304	4864.0000	18.0348	62	81	0	0
T5	32.0000	288	9216.0000	34.1713	31	162	0	0
			<b>Total Util:</b>	<b>72.0206</b>				

Test n:	138	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	530	1060.0000	3.9302	500	11	0	0
T2	4.0000	402	1608.0000	5.9621	250	21	0	0
T3	8.0000	338	2704.0000	10.0259	125	41	0	0
T4	16.0000	306	4896.0000	18.1535	62	81	0	0
T5	32.0000	290	9280.0000	34.4086	31	162	0	0
			<b>Total Util:</b>	<b>72.4803</b>				

Test n:	139	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	532	1064.0000	3.9451	500	11	0	0
T2	4.0000	404	1616.0000	5.9918	250	21	0	0

T3	8.0000	340	2720.0000	10.0852	125	41	0	0
T4	16.0000	308	4928.0000	18.2721	62	81	0	0
T5	32.0000	292	9344.0000	34.6459	31	162	0	0
			<b>Total Util:</b>	<b>72.9401</b>				

Test n:	140	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	534	1068.0000	3.9599	500	11	0	0
T2	4.0000	406	1624.0000	6.0215	250	21	0	0
T3	8.0000	342	2736.0000	10.1446	125	41	0	0
T4	16.0000	310	4960.0000	18.3908	62	81	0	0
T5	32.0000	294	9408.0000	34.8832	31	162	0	0
Total Util:				73.4				

Test n:	141		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	536	1072.0000	3.9747	500	11	0	0
T2	4.0000	408	1632.0000	6.0511	250	21	0	0
T3	8.0000	344	2752.0000	10.2039	125	41	0	0
T4	16.0000	312	4992.0000	18.5094	62	81	0	0
T5	32.0000	296	9472.0000	35.1205	31	162	0	0
Total Util:				73.8596				

Test n:	142		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	538	1076.0000	3.9896	500	11	0	0
T2	4.0000	410	1640.0000	6.0808	250	21	0	0
T3	8.0000	346	2768.0000	10.2632	125	41	0	0
T4	16.0000	314	5024.0000	18.6281	62	81	0	0
T5	32.0000	298	9536.0000	35.3578	31	162	0	0
Total Util:				74.3195				

Test n:	143		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	540	1080.0000	4.0044	500	11	0	0
T2	4.0000	412	1648.0000	6.1104	250	21	0	0
T3	8.0000	348	2784.0000	10.3225	125	41	0	0
T4	16.0000	316	5056.0000	18.7467	62	81	0	0
T5	32.0000	300	9600.0000	35.5951	31	162	0	0
Total Util:				74.7791				

Test n:	144		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	542	1084.0000	4.0192	500	11	0	0
T2	4.0000	414	1656.0000	6.1401	250	21	0	0
T3	8.0000	350	2800.0000	10.3819	125	41	0	0
T4	16.0000	318	5088.0000	18.8654	62	81	0	0
T5	32.0000	302	9664.0000	35.8324	31	162	0	0
Total Util:				75.239				

Test n:	145	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	544	1088.0000	4.0341	500	11	0	0
T2	4.0000	416	1664.0000	6.1698	250	21	0	0
T3	8.0000	352	2816.0000	10.4412	125	41	0	0
T4	16.0000	320	5120.0000	18.9840	62	81	0	0
T5	32.0000	304	9728.0000	36.0697	31	162	0	0
			<b>Total Util:</b>	<b>75.6988</b>				

Test n:	146	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	546	1092.0000	4.0489	500	11	0	0
T2	4.0000	418	1672.0000	6.1994	250	21	0	0
T3	8.0000	354	2832.0000	10.5005	125	41	0	0
T4	16.0000	322	5152.0000	19.1027	62	81	0	0
T5	32.0000	306	9792.0000	36.3070	31	162	0	0
			<b>Total Util:</b>	<b>76.1585</b>				

Test n:	147	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	548	1096.0000	4.0637	500	11	0	0
T2	4.0000	420	1680.0000	6.2291	250	21	0	0
T3	8.0000	356	2848.0000	10.5598	125	41	0	0
T4	16.0000	324	5184.0000	19.2213	62	81	0	0
T5	32.0000	308	9856.0000	36.5443	31	162	0	0
			<b>Total Util:</b>	<b>76.6182</b>				

Test n:	148	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	550	1100.0000	4.0786	500	11	0	0
T2	4.0000	422	1688.0000	6.2588	250	21	0	0
T3	8.0000	358	2864.0000	10.6192	125	41	0	0
T4	16.0000	326	5216.0000	19.3400	62	81	0	0
T5	32.0000	310	9920.0000	36.7816	31	162	0	0
			<b>Total Util:</b>	<b>77.0782</b>				

Test n:	149	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	552	1104.0000	4.0934	500	11	0	0
T2	4.0000	424	1696.0000	6.2884	250	21	0	0
T3	8.0000	360	2880.0000	10.6785	125	41	0	0
T4	16.0000	328	5248.0000	19.4586	62	81	0	0
T5	32.0000	312	9984.0000	37.0189	31	162	0	0
			<b>Total Util:</b>	<b>77.5378</b>				

Test n:	150	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	554	1108.0000	4.1082	500	11	0	0
T2	4.0000	426	1704.0000	6.3181	250	21	0	0
T3	8.0000	362	2896.0000	10.7378	125	41	0	0

T4	16.0000	330	5280.0000	19.5773	62	81	0	0
T5	32.0000	314	10048.0000	37.2562	31	162	0	0
<b>Total Util: 77.9976</b>								

Test n:	151			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	556	1112.0000	4.1230	500	11	0	0
T2	4.0000	428	1712.0000	6.3477	250	21	0	0
T3	8.0000	364	2912.0000	10.7971	125	41	0	0
T4	16.0000	332	5312.0000	19.6959	62	81	0	0
T5	32.0000	316	10112.0000	37.4935	31	162	0	0
<b>Total Util: 78.4572</b>								

Test n:	152			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	558	1116.0000	4.1379	500	11	0	0
T2	4.0000	430	1720.0000	6.3774	250	21	0	0
T3	8.0000	366	2928.0000	10.8565	125	41	0	0
T4	16.0000	334	5344.0000	19.8146	62	81	0	0
T5	32.0000	318	10176.0000	37.7308	31	162	0	0
<b>Total Util: 78.9172</b>								

Test n:	153			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	560	1120.0000	4.1527	500	11	0	0
T2	4.0000	432	1728.0000	6.4071	250	21	0	0
T3	8.0000	368	2944.0000	10.9158	125	41	0	0
T4	16.0000	336	5376.0000	19.9332	62	81	0	0
T5	32.0000	320	10240.0000	37.9681	31	162	0	0
<b>Total Util: 79.3769</b>								

Test n:	154			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	562	1124.0000	4.1675	500	11	0	0
T2	4.0000	434	1736.0000	6.4367	250	21	0	0
T3	8.0000	370	2960.0000	10.9751	125	41	0	0
T4	16.0000	338	5408.0000	20.0519	62	81	0	0
T5	32.0000	322	10304.0000	38.2054	31	162	0	0
<b>Total Util: 79.8366</b>								

Test n:	155			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	564	1128.0000	4.1824	500	11	0	0
T2	4.0000	436	1744.0000	6.4664	250	21	0	0
T3	8.0000	372	2976.0000	11.0344	125	41	0	0
T4	16.0000	340	5440.0000	20.1705	62	81	0	0
T5	32.0000	324	10368.0000	38.4427	31	162	0	0
<b>Total Util: 80.2964</b>								

Test n:	156			Status:	Running			
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Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	566	1132.0000	4.1972	500	11	0	0
T2	4.0000	438	1752.0000	6.4961	250	21	0	0
T3	8.0000	374	2992.0000	11.0938	125	41	0	0
T4	16.0000	342	5472.0000	20.2892	62	81	0	0
T5	32.0000	326	10432.0000	38.6800	31	162	0	0
<b>Total Util: 80.7563</b>								

Test n:	157		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	568	1136.0000	4.2120	500	11	0	0
T2	4.0000	440	1760.0000	6.5257	250	21	0	0
T3	8.0000	376	3008.0000	11.1531	125	41	0	0
T4	16.0000	344	5504.0000	20.4078	62	81	0	0
T5	32.0000	328	10496.0000	38.9173	31	162	0	0
<b>Total Util: 81.2159</b>								

Test n:	158		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	570	1140.0000	4.2269	500	11	0	0
T2	4.0000	442	1768.0000	6.5554	250	21	0	0
T3	8.0000	378	3024.0000	11.2124	125	41	0	0
T4	16.0000	346	5536.0000	20.5265	62	81	0	0
T5	32.0000	330	10560.0000	39.1546	31	162	0	0
<b>Total Util: 81.6758</b>								

Test n:	159		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	572	1144.0000	4.2417	500	11	0	0
T2	4.0000	444	1776.0000	6.5850	250	21	0	0
T3	8.0000	380	3040.0000	11.2717	125	41	0	0
T4	16.0000	348	5568.0000	20.6451	62	81	0	0
T5	32.0000	332	10624.0000	39.3919	31	162	0	0
<b>Total Util: 82.1354</b>								

Test n:	160		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	574	1148.0000	4.2565	500	11	0	0
T2	4.0000	446	1784.0000	6.6147	250	21	0	0
T3	8.0000	382	3056.0000	11.3311	125	41	0	0
T4	16.0000	350	5600.0000	20.7638	62	81	0	0
T5	32.0000	334	10688.0000	39.6292	31	162	0	0
<b>Total Util: 82.5953</b>								

Test n:	161		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	576	1152.0000	4.2714	500	11	0	0
T2	4.0000	448	1792.0000	6.6444	250	21	0	0
T3	8.0000	384	3072.0000	11.3904	125	41	0	0
T4	16.0000	352	5632.0000	20.8824	62	81	0	0

T5	32.0000	336	10752.0000	39.8665	31	162	0	0
<b>Total Util: 83.0551</b>								

Test n:	162		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	578	1156.0000	4.2862	500	11	0	0
T2	4.0000	450	1800.0000	6.6740	250	21	0	0
T3	8.0000	386	3088.0000	11.4497	125	41	0	0
T4	16.0000	354	5664.0000	21.0011	62	81	0	0
T5	32.0000	338	10816.0000	40.1038	31	162	0	0
<b>Total Util: 83.5148</b>								

Test n:	163		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	580	1160.0000	4.3010	500	11	0	0
T2	4.0000	452	1808.0000	6.7037	250	21	0	0
T3	8.0000	388	3104.0000	11.5090	125	41	0	0
T4	16.0000	356	5696.0000	21.1197	62	81	0	0
T5	32.0000	340	10880.0000	40.3411	31	162	0	0
<b>Total Util: 83.9745</b>								

Test n:	164		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	582	1164.0000	4.3159	500	11	0	0
T2	4.0000	454	1816.0000	6.7334	250	21	0	0
T3	8.0000	390	3120.0000	11.5684	125	41	0	0
T4	16.0000	358	5728.0000	21.2384	62	81	0	0
T5	32.0000	342	10944.0000	40.5784	31	162	0	0
<b>Total Util: 84.4345</b>								

Test n:	165		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	584	1168.0000	4.3307	500	11	0	0
T2	4.0000	456	1824.0000	6.7630	250	21	0	0
T3	8.0000	392	3136.0000	11.6277	125	41	0	0
T4	16.0000	360	5760.0000	21.3570	62	81	0	0
T5	32.0000	344	11008.0000	40.8157	31	162	0	0
<b>Total Util: 84.8941</b>								

Test n:	166		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	586	1172.0000	4.3455	500	11	0	0
T2	4.0000	458	1832.0000	6.7927	250	21	0	0
T3	8.0000	394	3152.0000	11.6870	125	41	0	0
T4	16.0000	362	5792.0000	21.4757	62	81	0	0
T5	32.0000	346	11072.0000	41.0530	31	162	0	0
<b>Total Util: 85.3539</b>								

Test n:	167		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.0000	588	1176.0000	4.3604	500	11	0	0
T2	4.0000	460	1840.0000	6.8223	250	21	0	0
T3	8.0000	396	3168.0000	11.7463	125	41	0	0
T4	16.0000	364	5824.0000	21.5943	62	81	0	0
T5	32.0000	348	11136.0000	41.2903	31	162	0	0

**Total Util: 85.8136**

Test n:	168		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	590	1180.0000	4.3752	500	11	0	0
T2	4.0000	462	1848.0000	6.8520	250	21	0	0
T3	8.0000	398	3184.0000	11.8057	125	41	0	0
T4	16.0000	366	5856.0000	21.7130	62	81	0	0
T5	32.0000	350	11200.0000	41.5276	31	162	0	0

**Total Util: 86.2735**

Test n:	169		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	592	1184.0000	4.3900	500	11	0	0
T2	4.0000	464	1856.0000	6.8817	250	21	0	0
T3	8.0000	400	3200.0000	11.8650	125	41	0	0
T4	16.0000	368	5888.0000	21.8316	62	81	0	0
T5	32.0000	352	11264.0000	41.7649	31	162	0	0

**Total Util: 86.7332**

Test n:	170		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	594	1188.0000	4.4048	500	11	0	0
T2	4.0000	466	1864.0000	6.9113	250	21	0	0
T3	8.0000	402	3216.0000	11.9243	125	41	0	0
T4	16.0000	370	5920.0000	21.9503	62	81	0	0
T5	32.0000	354	11328.0000	42.0022	31	162	0	0

**Total Util: 87.1929**

Test n:	171		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	596	1192.0000	4.4197	500	11	0	0
T2	4.0000	468	1872.0000	6.9410	250	21	0	0
T3	8.0000	404	3232.0000	11.9836	125	41	0	0
T4	16.0000	372	5952.0000	22.0689	62	81	0	0
T5	32.0000	356	11392.0000	42.2395	31	162	0	0

**Total Util: 87.6527**

Test n:	172		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	598	1196.0000	4.4345	500	11	0	0
T2	4.0000	470	1880.0000	6.9707	250	21	0	0
T3	8.0000	406	3248.0000	12.0430	125	41	0	0
T4	16.0000	374	5984.0000	22.1876	62	81	0	0
T5	32.0000	358	11456.0000	42.4768	31	162	0	0



**Total Util: 88.1126**

Test n:	173	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	600	1200.0000	4.4493	500	11	0	0
T2	4.0000	472	1888.0000	7.0003	250	21	0	0
T3	8.0000	408	3264.0000	12.1023	125	41	0	0
T4	16.0000	376	6016.0000	22.3062	62	81	0	0
T5	32.0000	360	11520.0000	42.7141	31	162	0	0

**Total Util: 88.5722**

Test n:	174	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	602	1204.0000	4.4642	500	11	0	0
T2	4.0000	474	1896.0000	7.0300	250	21	0	0
T3	8.0000	410	3280.0000	12.1616	125	41	0	0
T4	16.0000	378	6048.0000	22.4249	62	81	0	0
T5	32.0000	362	11584.0000	42.9514	31	162	0	0

**Total Util: 89.0321**

Test n:	175	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	604	1208.0000	4.4790	500	11	0	0
T2	4.0000	476	1904.0000	7.0596	250	21	0	0
T3	8.0000	412	3296.0000	12.2209	125	41	0	0
T4	16.0000	380	6080.0000	22.5435	62	81	0	0
T5	32.0000	364	11648.0000	43.1887	31	162	0	0

**Total Util: 89.4917**

Test n:	176	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	606	1212.0000	4.4938	500	11	0	0
T2	4.0000	478	1912.0000	7.0893	250	21	0	0
T3	8.0000	414	3312.0000	12.2803	125	41	0	0
T4	16.0000	382	6112.0000	22.6622	62	81	0	0
T5	32.0000	366	11712.0000	43.4260	31	162	0	0

**Total Util: 89.9516**

Test n:	177	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	608	1216.0000	4.5087	500	11	0	0
T2	4.0000	480	1920.0000	7.1190	250	21	0	0
T3	8.0000	416	3328.0000	12.3396	125	41	0	0
T4	16.0000	384	6144.0000	22.7808	62	81	0	0
T5	32.0000	368	11776.0000	43.6633	31	162	0	0

**Total Util: 90.4114**

Test n:	178	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	610	1220.0000	4.5235	500	11	0	0

T2	4.0000	482	1928.0000	7.1486	250	21	0	0
T3	8.0000	418	3344.0000	12.3989	125	41	0	0
T4	16.0000	386	6176.0000	22.8995	62	81	0	0
T5	32.0000	370	11840.0000	43.9006	31	162	0	0

**Total Util: 90.8711**

Test n:	179		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	612	1224.0000	4.5383	500	11	0	0
T2	4.0000	484	1936.0000	7.1783	250	21	0	0
T3	8.0000	420	3360.0000	12.4582	125	41	0	0
T4	16.0000	388	6208.0000	23.0181	62	81	0	0
T5	32.0000	372	11904.0000	44.1379	31	162	0	0

**Total Util: 91.3308**

Test n:	180		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	614	1228.0000	4.5532	500	11	0	0
T2	4.0000	486	1944.0000	7.2080	250	21	0	0
T3	8.0000	422	3376.0000	12.5176	125	41	0	0
T4	16.0000	390	6240.0000	23.1368	62	81	0	0
T5	32.0000	374	11968.0000	44.3752	31	162	0	0

**Total Util: 91.7908**

Test n:	181		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	616	1232.0000	4.5680	500	11	0	0
T2	4.0000	488	1952.0000	7.2376	250	21	0	0
T3	8.0000	424	3392.0000	12.5769	125	41	0	0
T4	16.0000	392	6272.0000	23.2554	62	81	0	0
T5	32.0000	376	12032.0000	44.6125	31	162	0	0

**Total Util: 92.2504**

Test n:	182		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	618	1236.0000	4.5828	500	11	0	0
T2	4.0000	490	1960.0000	7.2673	250	21	0	0
T3	8.0000	426	3408.0000	12.6362	125	41	0	0
T4	16.0000	394	6304.0000	23.3741	62	81	0	0
T5	32.0000	378	12096.0000	44.8498	31	162	0	0

**Total Util: 92.7102**

Test n:	183		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	620	1240.0000	4.5977	500	11	0	0
T2	4.0000	492	1968.0000	7.2969	250	21	0	0
T3	8.0000	428	3424.0000	12.6955	125	41	0	0
T4	16.0000	396	6336.0000	23.4927	62	81	0	0
T5	32.0000	380	12160.0000	45.0871	31	162	0	0

**Total Util: 93.1699**

Test n:	184	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	622	1244.0000	4.6125	500	11	0	0
T2	4.0000	494	1976.0000	7.3266	250	21	0	0
T3	8.0000	430	3440.0000	12.7549	125	41	0	0
T4	16.0000	398	6368.0000	23.6114	62	81	0	0
T5	32.0000	382	12224.0000	45.3244	31	162	0	0
			<b>Total Util:</b>	<b>93.6298</b>				

Test n:	185	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	624	1248.0000	4.6273	500	11	0	0
T2	4.0000	496	1984.0000	7.3563	250	21	0	0
T3	8.0000	432	3456.0000	12.8142	125	41	0	0
T4	16.0000	400	6400.0000	23.7300	62	81	0	0
T5	32.0000	384	12288.0000	45.5617	31	162	0	0
			<b>Total Util:</b>	<b>94.0895</b>				

Test n:	186	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	626	1252.0000	4.6421	500	11	0	0
T2	4.0000	498	1992.0000	7.3859	250	21	0	0
T3	8.0000	434	3472.0000	12.8735	125	41	0	0
T4	16.0000	402	6432.0000	23.8487	62	81	0	0
T5	32.0000	386	12352.0000	45.7990	31	162	0	0
			<b>Total Util:</b>	<b>94.5492</b>				

Test n:	187	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	628	1256.0000	4.6570	500	11	0	0
T2	4.0000	500	2000.0000	7.4156	250	21	0	0
T3	8.0000	436	3488.0000	12.9328	125	41	0	0
T4	16.0000	404	6464.0000	23.9673	62	81	0	0
T5	32.0000	388	12416.0000	46.0363	31	162	0	0
			<b>Total Util:</b>	<b>95.009</b>				

Test n:	188	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	630	1260.0000	4.6718	500	11	0	0
T2	4.0000	502	2008.0000	7.4453	250	21	0	0
T3	8.0000	438	3504.0000	12.9922	125	41	0	0
T4	16.0000	406	6496.0000	24.0860	62	81	0	0
T5	32.0000	390	12480.0000	46.2736	31	162	0	0
			<b>Total Util:</b>	<b>95.4689</b>				

Test n:	189	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	632	1264.0000	4.6866	500	11	0	0
T2	4.0000	504	2016.0000	7.4749	250	21	0	0

T3	8.0000	440	3520.0000	13.0515	125	41	0	0
T4	16.0000	408	6528.0000	24.2046	62	81	0	0
T5	32.0000	392	12544.0000	46.5109	31	162	0	0
			<b>Total Util:</b>	<b>95.9285</b>				

Test n:	191	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	636	1272.0000	4.7163	500	11	0	0
T2	4.0000	508	2032.0000	7.5342	250	21	0	0
T3	8.0000	444	3552.0000	13.1701	125	41	0	0
T4	16.0000	412	6592.0000	24.4419	62	81	0	0
T5	32.0000	396	12672.0000	46.9855	31	162	0	0
			<b>Total Util:</b>	<b>96.848</b>				

Test n:	193		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	640	1280.0000	4.7460	500	11	0	0
T2	4.0000	512	2048.0000	7.5936	250	21	0	0
T3	8.0000	448	3584.0000	13.2888	125	41	0	0
T4	16.0000	416	6656.0000	24.6792	62	81	0	0
T5	32.0000	400	12800.0000	47.4601	31	162	0	0
Total Util:				97.7677				

Test n:	195	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	644	1288.0000	4.7756	500	11	0	0
T2	4.0000	516	2064.0000	7.6529	250	21	0	0
T3	8.0000	452	3616.0000	13.4074	125	41	0	0
T4	16.0000	420	6720.0000	24.9165	62	81	0	0
T5	32.0000	404	12928.0000	47.9347	31	162	0	0
			<b>Total Util:</b>	<b>98.6871</b>				

Test n:	196	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	646	1292.0000	4.7905	500	11	0	0
T2	4.0000	518	2072.0000	7.6826	250	21	0	0
T3	8.0000	454	3632.0000	13.4668	125	41	0	0
T4	16.0000	422	6752.0000	25.0352	62	81	0	0
T5	32.0000	406	12992.0000	48.1720	31	162	0	0
			<b>Total Util:</b>	<b>99.1471</b>				

Test n:	197	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	648	1296.0000	4.8053	500	11	0	0
T2	4.0000	520	2080.0000	7.7122	250	21	0	0
T3	8.0000	456	3648.0000	13.5261	125	41	0	0
T4	16.0000	424	6784.0000	25.1538	62	81	0	0
T5	32.0000	408	13056.0000	48.4093	31	162	0	0
			<b>Total Util:</b>	<b>99.6067</b>				

Test n:	198	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	650	1300.0000	4.8201	500	1	5	5
T2	4.0000	522	2088.0000	7.7419	250	21	0	0
T3	8.0000	458	3664.0000	13.5854	125	41	0	0
T4	16.0000	426	6816.0000	25.2725	62	81	0	0
T5	32.0000	410	13120.0000	48.6466	31	162	0	0
			<b>Total Util:</b>	<b>100.066</b>				

Board: STM32F4

OS: Erika

Rawspeed: 26970.0000

Step Size: 1.8984

Test n: 1                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	163	0	0

**Total Util: 9.492**

Test n: 2                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	40	0	0

**Total Util: 11.3904**

Test n: 3                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	41	0	0
T7	8.0000	64	512.0000	1.8984	125	40	0	0

**Total Util: 13.2888**

Test n: 4                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	41	0	0
T7	8.0000	64	512.0000	1.8984	125	41	0	0
T8	8.0000	64	512.0000	1.8984	125	40	0	0

**Total Util: 15.1872**

Test n:	5		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	41	0	0
T7	8.0000	64	512.0000	1.8984	125	41	0	0
T8	8.0000	64	512.0000	1.8984	125	41	0	0
T9	8.0000	64	512.0000	1.8984	125	40	0	0
<b>Total Util: 17.0856</b>								

Test n:	6		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	41	0	0
T7	8.0000	64	512.0000	1.8984	125	41	0	0
T8	8.0000	64	512.0000	1.8984	125	41	0	0
T9	8.0000	64	512.0000	1.8984	125	41	0	0
T10	8.0000	64	512.0000	1.8984	125	40	0	0
<b>Total Util: 18.984</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0

T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	41	0	0
T7	8.0000	64	512.0000	1.8984	125	41	0	0
T8	8.0000	64	512.0000	1.8984	125	41	0	0
T9	8.0000	64	512.0000	1.8984	125	41	0	0
T10	8.0000	64	512.0000	1.8984	125	41	0	0
T11	8.0000	64	512.0000	1.8984	125	40	0	0

**Total Util: 20.8824**

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	41	0	0
T7	8.0000	64	512.0000	1.8984	125	41	0	0
T8	8.0000	64	512.0000	1.8984	125	41	0	0
T9	8.0000	64	512.0000	1.8984	125	41	0	0
T10	8.0000	64	512.0000	1.8984	125	41	0	0
T11	8.0000	64	512.0000	1.8984	125	41	0	0
T12	8.0000	64	512.0000	1.8984	125	40	0	0

**Total Util: 22.7808**

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	41	0	0
T7	8.0000	64	512.0000	1.8984	125	41	0	0
T8	8.0000	64	512.0000	1.8984	125	41	0	0



T9	8.0000	64	512.0000	1.8984	125	41	0	0
T10	8.0000	64	512.0000	1.8984	125	41	0	0
T11	8.0000	64	512.0000	1.8984	125	41	0	0
T12	8.0000	64	512.0000	1.8984	125	41	0	0
T13	8.0000	64	512.0000	1.8984	125	40	0	0
<b>Total Util: 24.6792</b>								

Test n:	10			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	1.8984	500	11	0	0
T2	4.0000	128	512.0000	1.8984	250	21	0	0
T3	8.0000	64	512.0000	1.8984	125	41	0	0
T4	16.0000	32	512.0000	1.8984	62	81	0	0
T5	32.0000	16	512.0000	1.8984	31	162	0	0
T6	8.0000	64	512.0000	1.8984	125	41	0	0
T7	8.0000	64	512.0000	1.8984	125	41	0	0
T8	8.0000	64	512.0000	1.8984	125	41	0	0
T9	8.0000	64	512.0000	1.8984	125	41	0	0
T10	8.0000	64	512.0000	1.8984	125	41	0	0
T11	8.0000	64	512.0000	1.8984	125	41	0	0
T12	8.0000	64	512.0000	1.8984	125	41	0	0
T13	8.0000	64	512.0000	1.8984	125	41	0	0
T14	8.0000	64	512.0000	1.8984	125	40	0	0
<b>Total Util: 26.5776</b>								

Test n: 11

Status: Error: Create Task

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 0.99

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0

Total Util: 9.9

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	48.00	16.00	768.00	2.97	20	250	0	0

Total Util: 10.89

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	64.00	16.00	1024.00	3.96	15	334	0	0

Total Util: 11.88

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	80.00	16.00	1280.00	4.95	12	417	0	0

Total Util: 12.87

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	96.00	16.00	1536.00	5.94	10	500	0	0

Total Util: 13.86

Test n: 6 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	112.00	16.00	1792.00	6.93	8	625	0	0
<b>Total Util: 14.85</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	128.00	16.00	2048.00	7.92	7	715	0	0
<b>Total Util: 15.84</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	144.00	16.00	2304.00	8.91	6	834	0	0
<b>Total Util: 16.83</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	160.00	16.00	2560.00	9.90	6	834	0	0
<b>Total Util: 17.82</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	176.00	16.00	2816.00	10.89	5	1000	0	0
<b>Total Util: 18.81</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0

T5	192.00	16.00	3072.00	11.88	5	1000	0	0
<b>Total Util: 19.8</b>								
Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	208.00	16.00	3328.00	12.87	4	1250	0	0
<b>Total Util: 20.79</b>								
Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	224.00	16.00	3584.00	13.86	4	1250	0	0
<b>Total Util: 21.78</b>								
Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	240.00	16.00	3840.00	14.85	4	1250	0	0
<b>Total Util: 22.77</b>								
Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	256.00	16.00	4096.00	15.85	3	1667	0	0
<b>Total Util: 23.77</b>								
Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	272.00	16.00	4352.00	16.84	3	1667	0	0
<b>Total Util: 24.76</b>								
Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	288.00	16.00	4608.00	17.83	3	1667	0	0

**Total Util: 25.75**

Test n:	18		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	304.00	16.00	4864.00	18.82	3	1667	0	0

**Total Util: 26.74**

Test n:	19		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	320.00	16.00	5120.00	19.81	3	1667	0	0

**Total Util: 27.73**

Test n:	20		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	336.00	16.00	5376.00	20.80	2	2500	0	0

**Total Util: 28.72**

Test n:	21		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	352.00	16.00	5632.00	21.79	2	2500	0	0

**Total Util: 29.71**

Test n:	22		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	368.00	16.00	5888.00	22.78	2	2500	0	0

**Total Util: 30.7**

Test n:	23		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	384.00	16.00	6144.00	23.77	2	2500	0	0

**Total Util: 31.69**

Test n:	24		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	400.00	16.00	6400.00	24.76	2	2500	0	0

**Total Util: 32.68**

Test n:	25		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	416.00	16.00	6656.00	25.75	2	2500	0	0

**Total Util: 33.67**

Test n:	26		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	432.00	16.00	6912.00	26.74	2	2500	0	0

**Total Util: 34.66**

Test n:	27		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	448.00	16.00	7168.00	27.73	2	2500	0	0

**Total Util: 35.65**

Test n:	28		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0

T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	464.00	16.00	7424.00	28.72	2	2500	0	0

**Total Util: 36.64**

Test n:	29		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	480.00	16.00	7680.00	29.71	2	2500	0	0

**Total Util: 37.63**

Test n:	30		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	496.00	16.00	7936.00	30.70	2	2500	0	0

**Total Util: 38.62**

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	512.00	16.00	8192.00	31.69	1	5000	0	0

**Total Util: 39.61**

Test n:	32		Status:	Error: Period too short				
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Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 0.99

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0

Total Util: 9.9

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.20	256.00	563.20	2.18	454	11	0	0
T2	4.40	128.00	563.20	2.18	227	23	0	0
T3	8.80	64.00	563.20	2.18	113	45	0	0
T4	17.60	32.00	563.20	2.18	56	90	0	0
T5	35.20	16.00	563.20	2.18	28	179	0	0

Total Util: 10.9

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.40	256.00	614.40	2.38	416	12	0	0
T2	4.80	128.00	614.40	2.38	208	24	0	0
T3	9.60	64.00	614.40	2.38	104	49	0	0
T4	19.20	32.00	614.40	2.38	52	97	0	0
T5	38.40	16.00	614.40	2.38	26	193	0	0

Total Util: 11.9

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.60	256.00	665.60	2.57	384	13	0	0
T2	5.20	128.00	665.60	2.57	192	26	0	0
T3	10.40	64.00	665.60	2.57	96	53	0	0
T4	20.80	32.00	665.60	2.57	48	105	0	0
T5	41.60	16.00	665.60	2.57	24	209	0	0

Total Util: 12.85

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.80	256.00	716.80	2.77	357	14	0	0
T2	5.60	128.00	716.80	2.77	178	29	0	0
T3	11.20	64.00	716.80	2.77	89	57	0	0
T4	22.40	32.00	716.80	2.77	44	114	0	0
T5	44.80	16.00	716.80	2.77	22	228	0	0

Total Util: 13.85

Test n: 6 Status: Running



Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.00	256.00	768.00	2.97	333	15	0	0
T2	6.00	128.00	768.00	2.97	166	31	0	0
T3	12.00	64.00	768.00	2.97	83	61	0	0
T4	24.00	32.00	768.00	2.97	41	122	0	0
T5	48.00	16.00	768.00	2.97	20	250	0	0
<b>Total Util: 14.85</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.20	256.00	819.20	3.17	312	16	0	0
T2	6.40	128.00	819.20	3.17	156	32	0	0
T3	12.80	64.00	819.20	3.17	78	65	0	0
T4	25.60	32.00	819.20	3.17	39	129	0	0
T5	51.20	16.00	819.20	3.17	19	264	0	0
<b>Total Util: 15.85</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.40	256.00	870.40	3.37	294	17	0	0
T2	6.80	128.00	870.40	3.37	147	34	0	0
T3	13.60	64.00	870.40	3.37	73	69	0	0
T4	27.20	32.00	870.40	3.37	36	139	0	0
T5	54.40	16.00	870.40	3.37	18	278	0	0
<b>Total Util: 16.85</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.60	256.00	921.60	3.57	277	19	0	0
T2	7.20	128.00	921.60	3.57	138	37	0	0
T3	14.40	64.00	921.60	3.57	69	73	0	0
T4	28.80	32.00	921.60	3.57	34	148	0	0
T5	57.60	16.00	921.60	3.57	17	295	0	0
<b>Total Util: 17.85</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.80	256.00	972.80	3.76	263	19	0	0
T2	7.60	128.00	972.80	3.76	131	39	0	0
T3	15.20	64.00	972.80	3.76	65	77	0	0
T4	30.40	32.00	972.80	3.76	32	157	0	0
T5	60.80	16.00	972.80	3.76	16	313	0	0
<b>Total Util: 18.8</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.00	256.00	1024.00	3.96	250	20	0	0
T2	8.00	128.00	1024.00	3.96	125	40	0	0
T3	16.00	64.00	1024.00	3.96	62	81	0	0
T4	32.00	32.00	1024.00	3.96	31	162	0	0

T5	64.00	16.00	1024.00	3.96	15	334	0	0
<b>Total Util: 19.8</b>								
Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.20	256.00	1075.20	4.16	238	21	0	0
T2	8.40	128.00	1075.20	4.16	119	42	0	0
T3	16.80	64.00	1075.20	4.16	59	85	0	0
T4	33.60	32.00	1075.20	4.16	29	173	0	0
T5	67.20	16.00	1075.20	4.16	14	358	0	0
<b>Total Util: 20.8</b>								
Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.40	256.00	1126.40	4.36	227	22	0	0
T2	8.80	128.00	1126.40	4.36	113	45	0	0
T3	17.60	64.00	1126.40	4.36	56	90	0	0
T4	35.20	32.00	1126.40	4.36	28	179	0	0
T5	70.40	16.00	1126.40	4.36	14	358	0	0
<b>Total Util: 21.8</b>								
Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.60	256.00	1177.60	4.56	217	23	0	0
T2	9.20	128.00	1177.60	4.56	108	47	0	0
T3	18.40	64.00	1177.60	4.56	54	93	0	0
T4	36.80	32.00	1177.60	4.56	27	186	0	0
T5	73.60	16.00	1177.60	4.56	13	385	0	0
<b>Total Util: 22.8</b>								
Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.80	256.00	1228.80	4.75	208	24	0	0
T2	9.60	128.00	1228.80	4.75	104	48	0	0
T3	19.20	64.00	1228.80	4.75	52	97	0	0
T4	38.40	32.00	1228.80	4.75	26	193	0	0
T5	76.80	16.00	1228.80	4.75	13	385	0	0
<b>Total Util: 23.75</b>								
Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.00	256.00	1280.00	4.95	200	25	0	0
T2	10.00	128.00	1280.00	4.95	100	50	0	0
T3	20.00	64.00	1280.00	4.95	50	100	0	0
T4	40.00	32.00	1280.00	4.95	25	200	0	0
T5	80.00	16.00	1280.00	4.95	12	417	0	0
<b>Total Util: 24.75</b>								
Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	5.20	256.00	1331.20	5.15	192	26	0	0
T2	10.40	128.00	1331.20	5.15	96	52	0	0
T3	20.80	64.00	1331.20	5.15	48	105	0	0
T4	41.60	32.00	1331.20	5.15	24	209	0	0
T5	83.20	16.00	1331.20	5.15	12	417	0	0

**Total Util: 25.75**

Test n:	18		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.40	256.00	1382.40	5.35	185	27	0	0
T2	10.80	128.00	1382.40	5.35	92	55	0	0
T3	21.60	64.00	1382.40	5.35	46	109	0	0
T4	43.20	32.00	1382.40	5.35	23	218	0	0
T5	86.40	16.00	1382.40	5.35	11	455	0	0

**Total Util: 26.75**

Test n:	19		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.60	256.00	1433.60	5.55	178	28	0	0
T2	11.20	128.00	1433.60	5.55	89	57	0	0
T3	22.40	64.00	1433.60	5.55	44	114	0	0
T4	44.80	32.00	1433.60	5.55	22	228	0	0
T5	89.60	16.00	1433.60	5.55	11	455	0	0

**Total Util: 27.75**

Test n:	20		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.80	256.00	1484.80	5.74	172	29	0	0
T2	11.60	128.00	1484.80	5.74	86	59	0	0
T3	23.20	64.00	1484.80	5.74	43	117	0	0
T4	46.40	32.00	1484.80	5.74	21	239	0	0
T5	92.80	16.00	1484.80	5.74	10	500	0	0

**Total Util: 28.7**

Test n:	21		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.00	256.00	1536.00	5.94	166	31	0	0
T2	12.00	128.00	1536.00	5.94	83	61	0	0
T3	24.00	64.00	1536.00	5.94	41	122	0	0
T4	48.00	32.00	1536.00	5.94	20	250	0	0
T5	96.00	16.00	1536.00	5.94	10	500	0	0

**Total Util: 29.7**

Test n:	22		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.20	256.00	1587.20	6.14	161	31	0	0
T2	12.40	128.00	1587.20	6.14	80	63	0	0
T3	24.80	64.00	1587.20	6.14	40	125	0	0
T4	49.60	32.00	1587.20	6.14	20	250	0	0
T5	99.20	16.00	1587.20	6.14	10	500	0	0

**Total Util: 30.7**

Test n:	23		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.40	256.00	1638.40	6.34	156	32	0	0
T2	12.80	128.00	1638.40	6.34	78	64	0	0
T3	25.60	64.00	1638.40	6.34	39	129	0	0
T4	51.20	32.00	1638.40	6.34	19	264	0	0
T5	102.40	16.00	1638.40	6.34	9	556	0	0

**Total Util: 31.7**

Test n:	24		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.60	256.00	1689.60	6.54	151	34	0	0
T2	13.20	128.00	1689.60	6.54	75	67	0	0
T3	26.40	64.00	1689.60	6.54	37	136	0	0
T4	52.80	32.00	1689.60	6.54	18	278	0	0
T5	105.60	16.00	1689.60	6.54	9	556	0	0

**Total Util: 32.7**

Test n:	25		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	6.80	256.00	1740.80	6.73	147	34	0	0
T2	13.60	128.00	1740.80	6.73	73	69	0	0
T3	27.20	64.00	1740.80	6.73	36	139	0	0
T4	54.40	32.00	1740.80	6.73	18	278	0	0
T5	108.80	16.00	1740.80	6.73	9	556	0	0

**Total Util: 33.65**

Test n:	26		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.00	256.00	1792.00	6.93	142	36	0	0
T2	14.00	128.00	1792.00	6.93	71	71	0	0
T3	28.00	64.00	1792.00	6.93	35	143	0	0
T4	56.00	32.00	1792.00	6.93	17	295	0	0
T5	112.00	16.00	1792.00	6.93	8	625	0	0

**Total Util: 34.65**

Test n:	27		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.20	256.00	1843.20	7.13	138	37	0	0
T2	14.40	128.00	1843.20	7.13	69	73	0	0
T3	28.80	64.00	1843.20	7.13	34	147	0	0
T4	57.60	32.00	1843.20	7.13	17	295	0	0
T5	115.20	16.00	1843.20	7.13	8	625	0	0

**Total Util: 35.65**

Test n:	28		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.40	256.00	1894.40	7.33	135	37	0	0

T2	14.80	128.00	1894.40	7.33	67	75	0	0
T3	29.60	64.00	1894.40	7.33	33	152	0	0
T4	59.20	32.00	1894.40	7.33	16	313	0	0
T5	118.40	16.00	1894.40	7.33	8	625	0	0

**Total Util: 36.65**

Test n:	29		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.60	256.00	1945.60	7.53	131	39	0	0
T2	15.20	128.00	1945.60	7.53	65	77	0	0
T3	30.40	64.00	1945.60	7.53	32	157	0	0
T4	60.80	32.00	1945.60	7.53	16	313	0	0
T5	121.60	16.00	1945.60	7.53	8	625	0	0

**Total Util: 37.65**

Test n:	30		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	7.80	256.00	1996.80	7.72	128	39	0	0
T2	15.60	128.00	1996.80	7.72	64	78	0	0
T3	31.20	64.00	1996.80	7.72	32	157	0	0
T4	62.40	32.00	1996.80	7.72	16	313	0	0
T5	124.80	16.00	1996.80	7.72	8	625	0	0

**Total Util: 38.6**

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.00	256.00	2048.00	7.92	125	40	0	0
T2	16.00	128.00	2048.00	7.92	62	81	0	0
T3	32.00	64.00	2048.00	7.92	31	162	0	0
T4	64.00	32.00	2048.00	7.92	15	334	0	0
T5	128.00	16.00	2048.00	7.92	7	715	0	0

**Total Util: 39.6**

Test n:	32		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.20	256.00	2099.20	8.12	121	42	0	0
T2	16.40	128.00	2099.20	8.12	60	84	0	0
T3	32.80	64.00	2099.20	8.12	30	167	0	0
T4	65.60	32.00	2099.20	8.12	15	334	0	0
T5	131.20	16.00	2099.20	8.12	7	715	0	0

**Total Util: 40.6**

Test n:	33		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.40	256.00	2150.40	8.32	119	42	0	0
T2	16.80	128.00	2150.40	8.32	59	85	0	0
T3	33.60	64.00	2150.40	8.32	29	173	0	0
T4	67.20	32.00	2150.40	8.32	14	358	0	0
T5	134.40	16.00	2150.40	8.32	7	715	0	0

**Total Util: 41.6**

Test n:	34		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.60	256.00	2201.60	8.52	116	43	0	0
T2	17.20	128.00	2201.60	8.52	58	87	0	0
T3	34.40	64.00	2201.60	8.52	29	173	0	0
T4	68.80	32.00	2201.60	8.52	14	358	0	0
T5	137.60	16.00	2201.60	8.52	7	715	0	0
<b>Total Util: 42.6</b>								

Test n:	35		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	8.80	256.00	2252.80	8.71	113	45	0	0
T2	17.60	128.00	2252.80	8.71	56	90	0	0
T3	35.20	64.00	2252.80	8.71	28	179	0	0
T4	70.40	32.00	2252.80	8.71	14	358	0	0
T5	140.80	16.00	2252.80	8.71	7	715	0	0
<b>Total Util: 43.55</b>								

Test n:	36		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.00	256.00	2304.00	8.91	111	45	0	0
T2	18.00	128.00	2304.00	8.91	55	91	0	0
T3	36.00	64.00	2304.00	8.91	27	186	0	0
T4	72.00	32.00	2304.00	8.91	13	385	0	0
T5	144.00	16.00	2304.00	8.91	6	834	0	0
<b>Total Util: 44.55</b>								

Test n:	37		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.20	256.00	2355.20	9.11	108	47	0	0
T2	18.40	128.00	2355.20	9.11	54	93	0	0
T3	36.80	64.00	2355.20	9.11	27	186	0	0
T4	73.60	32.00	2355.20	9.11	13	385	0	0
T5	147.20	16.00	2355.20	9.11	6	834	0	0
<b>Total Util: 45.55</b>								

Test n:	38		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.40	256.00	2406.40	9.31	106	47	0	0
T2	18.80	128.00	2406.40	9.31	53	95	0	0
T3	37.60	64.00	2406.40	9.31	26	193	0	0
T4	75.20	32.00	2406.40	9.31	13	385	0	0
T5	150.40	16.00	2406.40	9.31	6	834	0	0
<b>Total Util: 46.55</b>								

Test n:	39		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.60	256.00	2457.60	9.51	104	48	0	0
T2	19.20	128.00	2457.60	9.51	52	96	0	0

T3	38.40	64.00	2457.60	9.51	26	193	0	0
T4	76.80	32.00	2457.60	9.51	13	385	0	0
T5	153.60	16.00	2457.60	9.51	6	834	0	0

**Total Util: 47.55**

Test n:	40		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	9.80	256.00	2508.80	9.71	102	49	0	0
T2	19.60	128.00	2508.80	9.71	51	98	0	0
T3	39.20	64.00	2508.80	9.71	25	200	0	0
T4	78.40	32.00	2508.80	9.71	12	417	0	0
T5	156.80	16.00	2508.80	9.71	6	834	0	0

**Total Util: 48.55**

Test n:	41		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.00	256.00	2560.00	9.90	100	50	0	0
T2	20.00	128.00	2560.00	9.90	50	100	0	0
T3	40.00	64.00	2560.00	9.90	25	200	0	0
T4	80.00	32.00	2560.00	9.90	12	417	0	0
T5	160.00	16.00	2560.00	9.90	6	834	0	0

**Total Util: 49.5**

Test n:	42		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.20	256.00	2611.20	10.10	98	51	0	0
T2	20.40	128.00	2611.20	10.10	49	102	0	0
T3	40.80	64.00	2611.20	10.10	24	209	0	0
T4	81.60	32.00	2611.20	10.10	12	417	0	0
T5	163.20	16.00	2611.20	10.10	6	834	0	0

**Total Util: 50.5**

Test n:	43		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.40	256.00	2662.40	10.30	96	52	0	0
T2	20.80	128.00	2662.40	10.30	48	104	0	0
T3	41.60	64.00	2662.40	10.30	24	209	0	0
T4	83.20	32.00	2662.40	10.30	12	417	0	0
T5	166.40	16.00	2662.40	10.30	6	834	0	0

**Total Util: 51.5**

Test n:	44		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.60	256.00	2713.60	10.50	94	53	0	0
T2	21.20	128.00	2713.60	10.50	47	107	0	0
T3	42.40	64.00	2713.60	10.50	23	218	0	0
T4	84.80	32.00	2713.60	10.50	11	455	0	0
T5	169.60	16.00	2713.60	10.50	5	1000	0	0

**Total Util: 52.5**

Test n:	45	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	10.80	256.00	2764.80	10.70	92	55	0	0
T2	21.60	128.00	2764.80	10.70	46	109	0	0
T3	43.20	64.00	2764.80	10.70	23	218	0	0
T4	86.40	32.00	2764.80	10.70	11	455	0	0
T5	172.80	16.00	2764.80	10.70	5	1000	0	0
			<b>Total Util:</b>	<b>53.5</b>				

Test n:	46	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.00	256.00	2816.00	10.89	90	56	0	0
T2	22.00	128.00	2816.00	10.89	45	111	0	0
T3	44.00	64.00	2816.00	10.89	22	228	0	0
T4	88.00	32.00	2816.00	10.89	11	455	0	0
T5	176.00	16.00	2816.00	10.89	5	1000	0	0
			<b>Total Util:</b>	<b>54.45</b>				

Test n:	47	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.20	256.00	2867.20	11.09	89	57	0	0
T2	22.40	128.00	2867.20	11.09	44	114	0	0
T3	44.80	64.00	2867.20	11.09	22	228	0	0
T4	89.60	32.00	2867.20	11.09	11	455	0	0
T5	179.20	16.00	2867.20	11.09	5	1000	0	0
			<b>Total Util:</b>	<b>55.45</b>				

Test n:	48	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.40	256.00	2918.40	11.29	87	58	0	0
T2	22.80	128.00	2918.40	11.29	43	117	0	0
T3	45.60	64.00	2918.40	11.29	21	238	0	0
T4	91.20	32.00	2918.40	11.29	10	500	0	0
T5	182.40	16.00	2918.40	11.29	5	1000	0	0
			<b>Total Util:</b>	<b>56.45</b>				

Test n:	49	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.60	256.00	2969.60	11.49	86	58	0	0
T2	23.20	128.00	2969.60	11.49	43	117	0	0
T3	46.40	64.00	2969.60	11.49	21	238	0	0
T4	92.80	32.00	2969.60	11.49	10	500	0	0
T5	185.60	16.00	2969.60	11.49	5	1000	0	0
			<b>Total Util:</b>	<b>57.45</b>				

Test n:	50	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	11.80	256.00	3020.80	11.69	84	60	0	0
T2	23.60	128.00	3020.80	11.69	42	119	0	0
T3	47.20	64.00	3020.80	11.69	21	238	0	0



T4	94.40	32.00	3020.80	11.69	10	500	0	0
T5	188.80	16.00	3020.80	11.69	5	1000	0	0
<b>Total Util: 58.45</b>								

Test n:	51			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.00	256.00	3072.00	11.88	83	61	0	0
T2	24.00	128.00	3072.00	11.88	41	122	0	0
T3	48.00	64.00	3072.00	11.88	20	250	0	0
T4	96.00	32.00	3072.00	11.88	10	500	0	0
T5	192.00	16.00	3072.00	11.88	5	1000	0	0
<b>Total Util: 59.4</b>								

Test n:	52			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.20	256.00	3123.20	12.08	81	62	0	0
T2	24.40	128.00	3123.20	12.08	40	125	0	0
T3	48.80	64.00	3123.20	12.08	20	250	0	0
T4	97.60	32.00	3123.20	12.08	10	500	0	0
T5	195.20	16.00	3123.20	12.08	5	1000	0	0
<b>Total Util: 60.4</b>								

Test n:	53			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.40	256.00	3174.40	12.28	80	63	0	0
T2	24.80	128.00	3174.40	12.28	40	125	0	0
T3	49.60	64.00	3174.40	12.28	20	250	0	0
T4	99.20	32.00	3174.40	12.28	10	500	0	0
T5	198.40	16.00	3174.40	12.28	5	1000	0	0
<b>Total Util: 61.4</b>								

Test n:	54			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.60	256.00	3225.60	12.48	79	63	0	0
T2	25.20	128.00	3225.60	12.48	39	128	0	0
T3	50.40	64.00	3225.60	12.48	19	264	0	0
T4	100.80	32.00	3225.60	12.48	9	556	0	0
T5	201.60	16.00	3225.60	12.48	4	1250	0	0
<b>Total Util: 62.4</b>								

Test n:	55			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	12.80	256.00	3276.80	12.68	78	64	0	0
T2	25.60	128.00	3276.80	12.68	39	128	0	0
T3	51.20	64.00	3276.80	12.68	19	264	0	0
T4	102.40	32.00	3276.80	12.68	9	556	0	0
T5	204.80	16.00	3276.80	12.68	4	1250	0	0
<b>Total Util: 63.4</b>								

Test n:	56			Status:	Running			
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Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.00	256.00	3328.00	12.87	76	66	0	0
T2	26.00	128.00	3328.00	12.87	38	132	0	0
T3	52.00	64.00	3328.00	12.87	19	264	0	0
T4	104.00	32.00	3328.00	12.87	9	556	0	0
T5	208.00	16.00	3328.00	12.87	4	1250	0	0
<b>Total Util: 64.35</b>								

Test n:	57		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.20	256.00	3379.20	13.07	75	67	0	0
T2	26.40	128.00	3379.20	13.07	37	135	0	0
T3	52.80	64.00	3379.20	13.07	18	278	0	0
T4	105.60	32.00	3379.20	13.07	9	556	0	0
T5	211.20	16.00	3379.20	13.07	4	1250	0	0
<b>Total Util: 65.35</b>								

Test n:	58		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.40	256.00	3430.40	13.27	74	68	0	0
T2	26.80	128.00	3430.40	13.27	37	135	0	0
T3	53.60	64.00	3430.40	13.27	18	278	0	0
T4	107.20	32.00	3430.40	13.27	9	556	0	0
T5	214.40	16.00	3430.40	13.27	4	1250	0	0
<b>Total Util: 66.35</b>								

Test n:	59		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.60	256.00	3481.60	13.47	73	69	0	0
T2	27.20	128.00	3481.60	13.47	36	139	0	0
T3	54.40	64.00	3481.60	13.47	18	278	0	0
T4	108.80	32.00	3481.60	13.47	9	556	0	0
T5	217.60	16.00	3481.60	13.47	4	1250	0	0
<b>Total Util: 67.35</b>								

Test n:	60		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	13.80	256.00	3532.80	13.67	72	70	0	0
T2	27.60	128.00	3532.80	13.67	36	139	0	0
T3	55.20	64.00	3532.80	13.67	18	278	0	0
T4	110.40	32.00	3532.80	13.67	9	556	0	0
T5	220.80	16.00	3532.80	13.67	4	1250	0	0
<b>Total Util: 68.35</b>								

Test n:	61		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.00	256.00	3584.00	13.86	71	71	0	0
T2	28.00	128.00	3584.00	13.86	35	143	0	0
T3	56.00	64.00	3584.00	13.86	17	294	0	0
T4	112.00	32.00	3584.00	13.86	8	625	0	0

T5	224.00	16.00	3584.00	13.86	4	1250	0	0
<b>Total Util: 69.3</b>								
Test n:	62		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.20	256.00	3635.20	14.06	70	72	0	0
T2	28.40	128.00	3635.20	14.06	35	143	0	0
T3	56.80	64.00	3635.20	14.06	17	294	0	0
T4	113.60	32.00	3635.20	14.06	8	625	0	0
T5	227.20	16.00	3635.20	14.06	4	1250	0	0
<b>Total Util: 70.3</b>								
Test n:	63		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.40	256.00	3686.40	14.26	69	73	0	0
T2	28.80	128.00	3686.40	14.26	34	147	0	0
T3	57.60	64.00	3686.40	14.26	17	294	0	0
T4	115.20	32.00	3686.40	14.26	8	625	0	0
T5	230.40	16.00	3686.40	14.26	4	1250	0	0
<b>Total Util: 71.3</b>								
Test n:	64		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.60	256.00	3737.60	14.46	68	74	0	0
T2	29.20	128.00	3737.60	14.46	34	147	0	0
T3	58.40	64.00	3737.60	14.46	17	294	0	0
T4	116.80	32.00	3737.60	14.46	8	625	0	0
T5	233.60	16.00	3737.60	14.46	4	1250	0	0
<b>Total Util: 72.3</b>								
Test n:	65		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	14.80	256.00	3788.80	14.66	67	75	0	0
T2	29.60	128.00	3788.80	14.66	33	152	0	0
T3	59.20	64.00	3788.80	14.66	16	313	0	0
T4	118.40	32.00	3788.80	14.66	8	625	0	0
T5	236.80	16.00	3788.80	14.66	4	1250	0	0
<b>Total Util: 73.3</b>								
Test n:	66		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	15.00	256.00	3840.00	14.85	66	76	0	0
T2	30.00	128.00	3840.00	14.85	33	152	0	0
T3	60.00	64.00	3840.00	14.85	16	313	0	0
T4	120.00	32.00	3840.00	14.85	8	625	0	0
T5	240.00	16.00	3840.00	14.85	4	1250	0	0
<b>Total Util: 74.25</b>								
Test n:	67		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	15.20	256.00	3891.20	15.05	65	77	0	0
T2	30.40	128.00	3891.20	15.05	32	156	0	0
T3	60.80	64.00	3891.20	15.05	16	313	0	0
T4	121.60	32.00	3891.20	15.05	8	625	0	0
T5	243.20	16.00	3891.20	15.05	4	1250	0	0

**Total Util: 75.25**

Test n:	68		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	15.40	256.00	3942.40	15.25	64	78	0	0
T2	30.80	128.00	3942.40	15.25	32	156	0	0
T3	61.60	64.00	3942.40	15.25	16	313	0	0
T4	123.20	32.00	3942.40	15.25	8	625	0	0
T5	246.40	16.00	3942.40	15.25	4	1250	0	0

**Total Util: 76.25**

Test n:	69		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	15.60	256.00	3993.60	15.45	64	78	0	0
T2	31.20	128.00	3993.60	15.45	32	156	0	0
T3	62.40	64.00	3993.60	15.45	16	313	0	0
T4	124.80	32.00	3993.60	15.45	8	625	0	0
T5	249.60	16.00	3993.60	15.45	4	1250	0	0

**Total Util: 77.25**

Test n:	70		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	15.80	256.00	4044.80	15.65	63	79	0	0
T2	31.60	128.00	4044.80	15.65	31	161	0	0
T3	63.20	64.00	4044.80	15.65	15	334	0	0
T4	126.40	32.00	4044.80	15.65	7	715	0	0
T5	252.80	16.00	4044.80	15.65	3	1667	0	0

**Total Util: 78.25**

Test n:	71		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.00	256.00	4096.00	15.85	62	81	0	0
T2	32.00	128.00	4096.00	15.85	31	161	0	0
T3	64.00	64.00	4096.00	15.85	15	334	0	0
T4	128.00	32.00	4096.00	15.85	7	715	0	0
T5	256.00	16.00	4096.00	15.85	3	1667	0	0

**Total Util: 79.25**

Test n:	72		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.20	256.00	4147.20	16.04	61	82	0	0
T2	32.40	128.00	4147.20	16.04	30	167	0	0
T3	64.80	64.00	4147.20	16.04	15	334	0	0
T4	129.60	32.00	4147.20	16.04	7	715	0	0
T5	259.20	16.00	4147.20	16.04	3	1667	0	0

**Total Util: 80.2**

Test n:	73		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.40	256.00	4198.40	16.24	60	83	0	0
T2	32.80	128.00	4198.40	16.24	30	167	0	0
T3	65.60	64.00	4198.40	16.24	15	334	0	0
T4	131.20	32.00	4198.40	16.24	7	715	0	0
T5	262.40	16.00	4198.40	16.24	3	1667	0	0

**Total Util: 81.2**

Test n:	74		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.60	256.00	4249.60	16.44	60	83	0	0
T2	33.20	128.00	4249.60	16.44	30	167	0	0
T3	66.40	64.00	4249.60	16.44	15	334	0	0
T4	132.80	32.00	4249.60	16.44	7	715	0	0
T5	265.60	16.00	4249.60	16.44	3	1667	0	0

**Total Util: 82.2**

Test n:	75		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	16.80	256.00	4300.80	16.64	59	84	0	0
T2	33.60	128.00	4300.80	16.64	29	173	0	0
T3	67.20	64.00	4300.80	16.64	14	357	0	0
T4	134.40	32.00	4300.80	16.64	7	715	0	0
T5	268.80	16.00	4300.80	16.64	3	1667	0	0

**Total Util: 83.2**

Test n:	76		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.00	256.00	4352.00	16.84	58	86	0	0
T2	34.00	128.00	4352.00	16.84	29	173	0	0
T3	68.00	64.00	4352.00	16.84	14	357	0	0
T4	136.00	32.00	4352.00	16.84	7	715	0	0
T5	272.00	16.00	4352.00	16.84	3	1667	0	0

**Total Util: 84.2**

Test n:	77		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.20	256.00	4403.20	17.03	58	86	0	0
T2	34.40	128.00	4403.20	17.03	29	173	0	0
T3	68.80	64.00	4403.20	17.03	14	357	0	0
T4	137.60	32.00	4403.20	17.03	7	715	0	0
T5	275.20	16.00	4403.20	17.03	3	1667	0	0

**Total Util: 85.15**

Test n:	78		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.40	256.00	4454.40	17.23	57	87	0	0

T2	34.80	128.00	4454.40	17.23	28	179	0	0
T3	69.60	64.00	4454.40	17.23	14	357	0	0
T4	139.20	32.00	4454.40	17.23	7	715	0	0
T5	278.40	16.00	4454.40	17.23	3	1667	0	0

**Total Util: 86.15**

Test n:	79		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.60	256.00	4505.60	17.43	56	89	0	0
T2	35.20	128.00	4505.60	17.43	28	179	0	0
T3	70.40	64.00	4505.60	17.43	14	357	0	0
T4	140.80	32.00	4505.60	17.43	7	715	0	0
T5	281.60	16.00	4505.60	17.43	3	1667	0	0

**Total Util: 87.15**

Test n:	80		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	17.80	256.00	4556.80	17.63	56	89	0	0
T2	35.60	128.00	4556.80	17.63	28	179	0	0
T3	71.20	64.00	4556.80	17.63	14	357	0	0
T4	142.40	32.00	4556.80	17.63	7	715	0	0
T5	284.80	16.00	4556.80	17.63	3	1667	0	0

**Total Util: 88.15**

Test n:	81		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	18.00	256.00	4608.00	17.83	55	89	1	0
T2	36.00	128.00	4608.00	17.83	27	185	0	0
T3	72.00	64.00	4608.00	17.83	13	385	0	0
T4	144.00	32.00	4608.00	17.83	6	834	0	0
T5	288.00	16.00	4608.00	17.83	3	1667	0	0

**Total Util: 89.15**

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 0.48

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0

Total Util: 9.9

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	258.00	516.00	2.00	500	10	0	0
T2	4.00	130.00	520.00	2.01	250	20	0	0
T3	8.00	66.00	528.00	2.04	125	40	0	0
T4	16.00	34.00	544.00	2.10	62	81	0	0
T5	32.00	18.00	576.00	2.23	31	162	0	0

Total Util: 10.38

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	260.00	520.00	2.01	500	10	0	0
T2	4.00	132.00	528.00	2.04	250	20	0	0
T3	8.00	68.00	544.00	2.10	125	40	0	0
T4	16.00	36.00	576.00	2.23	62	81	0	0
T5	32.00	20.00	640.00	2.48	31	162	0	0

Total Util: 10.86

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	262.00	524.00	2.03	500	10	0	0
T2	4.00	134.00	536.00	2.07	250	20	0	0
T3	8.00	70.00	560.00	2.17	125	40	0	0
T4	16.00	38.00	608.00	2.35	62	81	0	0
T5	32.00	22.00	704.00	2.72	31	162	0	0

Total Util: 11.34

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	264.00	528.00	2.04	500	10	0	0
T2	4.00	136.00	544.00	2.10	250	20	0	0
T3	8.00	72.00	576.00	2.23	125	40	0	0
T4	16.00	40.00	640.00	2.48	62	81	0	0
T5	32.00	24.00	768.00	2.97	31	162	0	0

Total Util: 11.82

Test n: 6 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	266.00	532.00	2.06	500	10	0	0
T2	4.00	138.00	552.00	2.14	250	20	0	0
T3	8.00	74.00	592.00	2.29	125	40	0	0
T4	16.00	42.00	672.00	2.60	62	81	0	0
T5	32.00	26.00	832.00	3.22	31	162	0	0
<b>Total Util: 12.31</b>								

Test n:	7			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	268.00	536.00	2.07	500	10	0	0
T2	4.00	140.00	560.00	2.17	250	20	0	0
T3	8.00	76.00	608.00	2.35	125	40	0	0
T4	16.00	44.00	704.00	2.72	62	81	0	0
T5	32.00	28.00	896.00	3.47	31	162	0	0
<b>Total Util: 12.78</b>								

Test n:	8			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	270.00	540.00	2.09	500	10	0	0
T2	4.00	142.00	568.00	2.20	250	20	0	0
T3	8.00	78.00	624.00	2.41	125	40	0	0
T4	16.00	46.00	736.00	2.85	62	81	0	0
T5	32.00	30.00	960.00	3.71	31	162	0	0
<b>Total Util: 13.26</b>								

Test n:	9			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	272.00	544.00	2.10	500	10	0	0
T2	4.00	144.00	576.00	2.23	250	20	0	0
T3	8.00	80.00	640.00	2.48	125	40	0	0
T4	16.00	48.00	768.00	2.97	62	81	0	0
T5	32.00	32.00	1024.00	3.96	31	162	0	0
<b>Total Util: 13.74</b>								

Test n:	10			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	274.00	548.00	2.12	500	10	0	0
T2	4.00	146.00	584.00	2.26	250	20	0	0
T3	8.00	82.00	656.00	2.54	125	40	0	0
T4	16.00	50.00	800.00	3.09	62	81	0	0
T5	32.00	34.00	1088.00	4.21	31	162	0	0
<b>Total Util: 14.22</b>								

Test n:	11			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	276.00	552.00	2.14	500	10	0	0
T2	4.00	148.00	592.00	2.29	250	20	0	0
T3	8.00	84.00	672.00	2.60	125	40	0	0
T4	16.00	52.00	832.00	3.22	62	81	0	0



T5	32.00	36.00	1152.00	4.46	31	162	0	0
<b>Total Util: 14.71</b>								
Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	278.00	556.00	2.15	500	10	0	0
T2	4.00	150.00	600.00	2.32	250	20	0	0
T3	8.00	86.00	688.00	2.66	125	40	0	0
T4	16.00	54.00	864.00	3.34	62	81	0	0
T5	32.00	38.00	1216.00	4.70	31	162	0	0
<b>Total Util: 15.17</b>								
Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	280.00	560.00	2.17	500	10	0	0
T2	4.00	152.00	608.00	2.35	250	20	0	0
T3	8.00	88.00	704.00	2.72	125	40	0	0
T4	16.00	56.00	896.00	3.47	62	81	0	0
T5	32.00	40.00	1280.00	4.95	31	162	0	0
<b>Total Util: 15.66</b>								
Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	282.00	564.00	2.18	500	10	0	0
T2	4.00	154.00	616.00	2.38	250	20	0	0
T3	8.00	90.00	720.00	2.79	125	40	0	0
T4	16.00	58.00	928.00	3.59	62	81	0	0
T5	32.00	42.00	1344.00	5.20	31	162	0	0
<b>Total Util: 16.14</b>								
Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	284.00	568.00	2.20	500	10	0	0
T2	4.00	156.00	624.00	2.41	250	20	0	0
T3	8.00	92.00	736.00	2.85	125	40	0	0
T4	16.00	60.00	960.00	3.71	62	81	0	0
T5	32.00	44.00	1408.00	5.45	31	162	0	0
<b>Total Util: 16.62</b>								
Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	286.00	572.00	2.21	500	10	0	0
T2	4.00	158.00	632.00	2.44	250	20	0	0
T3	8.00	94.00	752.00	2.91	125	40	0	0
T4	16.00	62.00	992.00	3.84	62	81	0	0
T5	32.00	46.00	1472.00	5.69	31	162	0	0
<b>Total Util: 17.09</b>								
Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.00	288.00	576.00	2.23	500	10	0	0
T2	4.00	160.00	640.00	2.48	250	20	0	0
T3	8.00	96.00	768.00	2.97	125	40	0	0
T4	16.00	64.00	1024.00	3.96	62	81	0	0
T5	32.00	48.00	1536.00	5.94	31	162	0	0

**Total Util: 17.58**

Test n:	18		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	290.00	580.00	2.24	500	10	0	0
T2	4.00	162.00	648.00	2.51	250	20	0	0
T3	8.00	98.00	784.00	3.03	125	40	0	0
T4	16.00	66.00	1056.00	4.09	62	81	0	0
T5	32.00	50.00	1600.00	6.19	31	162	0	0

**Total Util: 18.06**

Test n:	19		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	292.00	584.00	2.26	500	10	0	0
T2	4.00	164.00	656.00	2.54	250	20	0	0
T3	8.00	100.00	800.00	3.09	125	40	0	0
T4	16.00	68.00	1088.00	4.21	62	81	0	0
T5	32.00	52.00	1664.00	6.44	31	162	0	0

**Total Util: 18.54**

Test n:	20		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	294.00	588.00	2.27	500	10	0	0
T2	4.00	166.00	664.00	2.57	250	20	0	0
T3	8.00	102.00	816.00	3.16	125	40	0	0
T4	16.00	70.00	1120.00	4.33	62	81	0	0
T5	32.00	54.00	1728.00	6.68	31	162	0	0

**Total Util: 19.01**

Test n:	21		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	296.00	592.00	2.29	500	10	0	0
T2	4.00	168.00	672.00	2.60	250	20	0	0
T3	8.00	104.00	832.00	3.22	125	40	0	0
T4	16.00	72.00	1152.00	4.46	62	81	0	0
T5	32.00	56.00	1792.00	6.93	31	162	0	0

**Total Util: 19.5**

Test n:	22		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	298.00	596.00	2.31	500	10	0	0
T2	4.00	170.00	680.00	2.63	250	20	0	0
T3	8.00	106.00	848.00	3.28	125	40	0	0
T4	16.00	74.00	1184.00	4.58	62	81	0	0
T5	32.00	58.00	1856.00	7.18	31	162	0	0

**Total Util: 19.98**

Test n:	23		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	300.00	600.00	2.32	500	10	0	0
T2	4.00	172.00	688.00	2.66	250	20	0	0
T3	8.00	108.00	864.00	3.34	125	40	0	0
T4	16.00	76.00	1216.00	4.70	62	81	0	0
T5	32.00	60.00	1920.00	7.43	31	162	0	0

**Total Util: 20.45**

Test n:	24		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	302.00	604.00	2.34	500	10	0	0
T2	4.00	174.00	696.00	2.69	250	20	0	0
T3	8.00	110.00	880.00	3.40	125	40	0	0
T4	16.00	78.00	1248.00	4.83	62	81	0	0
T5	32.00	62.00	1984.00	7.68	31	162	0	0

**Total Util: 20.94**

Test n:	25		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	304.00	608.00	2.35	500	10	0	0
T2	4.00	176.00	704.00	2.72	250	20	0	0
T3	8.00	112.00	896.00	3.47	125	40	0	0
T4	16.00	80.00	1280.00	4.95	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0

**Total Util: 21.41**

Test n:	26		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	306.00	612.00	2.37	500	10	0	0
T2	4.00	178.00	712.00	2.75	250	20	0	0
T3	8.00	114.00	912.00	3.53	125	40	0	0
T4	16.00	82.00	1312.00	5.08	62	81	0	0
T5	32.00	66.00	2112.00	8.17	31	162	0	0

**Total Util: 21.9**

Test n:	27		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	308.00	616.00	2.38	500	10	0	0
T2	4.00	180.00	720.00	2.79	250	20	0	0
T3	8.00	116.00	928.00	3.59	125	40	0	0
T4	16.00	84.00	1344.00	5.20	62	81	0	0
T5	32.00	68.00	2176.00	8.42	31	162	0	0

**Total Util: 22.38**

Test n:	28		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	310.00	620.00	2.40	500	10	0	0

T2	4.00	182.00	728.00	2.82	250	20	0	0
T3	8.00	118.00	944.00	3.65	125	40	0	0
T4	16.00	86.00	1376.00	5.32	62	81	0	0
T5	32.00	70.00	2240.00	8.67	31	162	0	0

**Total Util: 22.86**

Test n:	29		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	312.00	624.00	2.41	500	10	0	0
T2	4.00	184.00	736.00	2.85	250	20	0	0
T3	8.00	120.00	960.00	3.71	125	40	0	0
T4	16.00	88.00	1408.00	5.45	62	81	0	0
T5	32.00	72.00	2304.00	8.91	31	162	0	0

**Total Util: 23.33**

Test n:	30		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	314.00	628.00	2.43	500	10	0	0
T2	4.00	186.00	744.00	2.88	250	20	0	0
T3	8.00	122.00	976.00	3.78	125	40	0	0
T4	16.00	90.00	1440.00	5.57	62	81	0	0
T5	32.00	74.00	2368.00	9.16	31	162	0	0

**Total Util: 23.82**

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	316.00	632.00	2.44	500	10	0	0
T2	4.00	188.00	752.00	2.91	250	20	0	0
T3	8.00	124.00	992.00	3.84	125	40	0	0
T4	16.00	92.00	1472.00	5.69	62	81	0	0
T5	32.00	76.00	2432.00	9.41	31	162	0	0

**Total Util: 24.29**

Test n:	32		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	318.00	636.00	2.46	500	10	0	0
T2	4.00	190.00	760.00	2.94	250	20	0	0
T3	8.00	126.00	1008.00	3.90	125	40	0	0
T4	16.00	94.00	1504.00	5.82	62	81	0	0
T5	32.00	78.00	2496.00	9.66	31	162	0	0

**Total Util: 24.78**

Test n:	33		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	320.00	640.00	2.48	500	10	0	0
T2	4.00	192.00	768.00	2.97	250	20	0	0
T3	8.00	128.00	1024.00	3.96	125	40	0	0
T4	16.00	96.00	1536.00	5.94	62	81	0	0
T5	32.00	80.00	2560.00	9.90	31	162	0	0

**Total Util: 25.25**

Test n:	34		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	322.00	644.00	2.49	500	10	0	0
T2	4.00	194.00	776.00	3.00	250	20	0	0
T3	8.00	130.00	1040.00	4.02	125	40	0	0
T4	16.00	98.00	1568.00	6.07	62	81	0	0
T5	32.00	82.00	2624.00	10.15	31	162	0	0
				<b>Total Util:</b>	<b>25.73</b>			

Test n:	35		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	324.00	648.00	2.51	500	10	0	0
T2	4.00	196.00	784.00	3.03	250	20	0	0
T3	8.00	132.00	1056.00	4.09	125	40	0	0
T4	16.00	100.00	1600.00	6.19	62	81	0	0
T5	32.00	84.00	2688.00	10.40	31	162	0	0
				<b>Total Util:</b>	<b>26.22</b>			

Test n:	36		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	326.00	652.00	2.52	500	10	0	0
T2	4.00	198.00	792.00	3.06	250	20	0	0
T3	8.00	134.00	1072.00	4.15	125	40	0	0
T4	16.00	102.00	1632.00	6.31	62	81	0	0
T5	32.00	86.00	2752.00	10.65	31	162	0	0
				<b>Total Util:</b>	<b>26.69</b>			

Test n:	37		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	328.00	656.00	2.54	500	10	0	0
T2	4.00	200.00	800.00	3.09	250	20	0	0
T3	8.00	136.00	1088.00	4.21	125	40	0	0
T4	16.00	104.00	1664.00	6.44	62	81	0	0
T5	32.00	88.00	2816.00	10.89	31	162	0	0
				<b>Total Util:</b>	<b>27.17</b>			

Test n:	38		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	330.00	660.00	2.55	500	10	0	0
T2	4.00	202.00	808.00	3.13	250	20	0	0
T3	8.00	138.00	1104.00	4.27	125	40	0	0
T4	16.00	106.00	1696.00	6.56	62	81	0	0
T5	32.00	90.00	2880.00	11.14	31	162	0	0
				<b>Total Util:</b>	<b>27.65</b>			

Test n:	39		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	332.00	664.00	2.57	500	10	0	0
T2	4.00	204.00	816.00	3.16	250	20	0	0

T3	8.00	140.00	1120.00	4.33	125	40	0	0
T4	16.00	108.00	1728.00	6.68	62	81	0	0
T5	32.00	92.00	2944.00	11.39	31	162	0	0
<b>Total Util: 28.13</b>								

Test n:	40		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	334.00	668.00	2.58	500	10	0	0
T2	4.00	206.00	824.00	3.19	250	20	0	0
T3	8.00	142.00	1136.00	4.39	125	40	0	0
T4	16.00	110.00	1760.00	6.81	62	81	0	0
T5	32.00	94.00	3008.00	11.64	31	162	0	0
Total Util:				28.61				

Test n:	41		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	336.00	672.00	2.60	500	10	0	0
T2	4.00	208.00	832.00	3.22	250	20	0	0
T3	8.00	144.00	1152.00	4.46	125	40	0	0
T4	16.00	112.00	1792.00	6.93	62	81	0	0
T5	32.00	96.00	3072.00	11.88	31	162	0	0
Total Util:				29.09				

Test n:	42	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	338.00	676.00	2.62	500	10	0	0
T2	4.00	210.00	840.00	3.25	250	20	0	0
T3	8.00	146.00	1168.00	4.52	125	40	0	0
T4	16.00	114.00	1824.00	7.06	62	81	0	0
T5	32.00	98.00	3136.00	12.13	31	162	0	0
Total Util:				29.58				

Test n:	43	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	340.00	680.00	2.63	500	10	0	0
T2	4.00	212.00	848.00	3.28	250	20	0	0
T3	8.00	148.00	1184.00	4.58	125	40	0	0
T4	16.00	116.00	1856.00	7.18	62	81	0	0
T5	32.00	100.00	3200.00	12.38	31	162	0	0
Total Util:				30.05				

Test n:	44	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	342.00	684.00	2.65	500	10	0	0
T2	4.00	214.00	856.00	3.31	250	20	0	0
T3	8.00	150.00	1200.00	4.64	125	40	0	0
T4	16.00	118.00	1888.00	7.30	62	81	0	0
T5	32.00	102.00	3264.00	12.63	31	162	0	0
Total Util:				30.53				

Test n:	45		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	344.00	688.00	2.66	500	10	0	0
T2	4.00	216.00	864.00	3.34	250	20	0	0
T3	8.00	152.00	1216.00	4.70	125	40	0	0
T4	16.00	120.00	1920.00	7.43	62	81	0	0
T5	32.00	104.00	3328.00	12.87	31	162	0	0
<b>Total Util: 31</b>								

Test n:	46		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	346.00	692.00	2.68	500	10	0	0
T2	4.00	218.00	872.00	3.37	250	20	0	0
T3	8.00	154.00	1232.00	4.77	125	40	0	0
T4	16.00	122.00	1952.00	7.55	62	81	0	0
T5	32.00	106.00	3392.00	13.12	31	162	0	0
<b>Total Util: 31.49</b>								

Test n:	47		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	348.00	696.00	2.69	500	10	0	0
T2	4.00	220.00	880.00	3.40	250	20	0	0
T3	8.00	156.00	1248.00	4.83	125	40	0	0
T4	16.00	124.00	1984.00	7.68	62	81	0	0
T5	32.00	108.00	3456.00	13.37	31	162	0	0
<b>Total Util: 31.97</b>								

Test n:	48		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	350.00	700.00	2.71	500	10	0	0
T2	4.00	222.00	888.00	3.44	250	20	0	0
T3	8.00	158.00	1264.00	4.89	125	40	0	0
T4	16.00	126.00	2016.00	7.80	62	81	0	0
T5	32.00	110.00	3520.00	13.62	31	162	0	0
<b>Total Util: 32.46</b>								

Test n:	49		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	352.00	704.00	2.72	500	10	0	0
T2	4.00	224.00	896.00	3.47	250	20	0	0
T3	8.00	160.00	1280.00	4.95	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	112.00	3584.00	13.86	31	162	0	0
<b>Total Util: 32.92</b>								

Test n:	50		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	354.00	708.00	2.74	500	10	0	0
T2	4.00	226.00	904.00	3.50	250	20	0	0
T3	8.00	162.00	1296.00	5.01	125	40	0	0

T4	16.00	130.00	2080.00	8.05	62	81	0	0
T5	32.00	114.00	3648.00	14.11	31	162	0	0
<b>Total Util: 33.41</b>								

Test n:	51			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	356.00	712.00	2.75	500	10	0	0
T2	4.00	228.00	912.00	3.53	250	20	0	0
T3	8.00	164.00	1312.00	5.08	125	40	0	0
T4	16.00	132.00	2112.00	8.17	62	81	0	0
T5	32.00	116.00	3712.00	14.36	31	162	0	0
<b>Total Util: 33.89</b>								

Test n:	52			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	358.00	716.00	2.77	500	10	0	0
T2	4.00	230.00	920.00	3.56	250	20	0	0
T3	8.00	166.00	1328.00	5.14	125	40	0	0
T4	16.00	134.00	2144.00	8.29	62	81	0	0
T5	32.00	118.00	3776.00	14.61	31	162	0	0
<b>Total Util: 34.37</b>								

Test n:	53			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	360.00	720.00	2.79	500	10	0	0
T2	4.00	232.00	928.00	3.59	250	20	0	0
T3	8.00	168.00	1344.00	5.20	125	40	0	0
T4	16.00	136.00	2176.00	8.42	62	81	0	0
T5	32.00	120.00	3840.00	14.85	31	162	0	0
<b>Total Util: 34.85</b>								

Test n:	54			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	362.00	724.00	2.80	500	10	0	0
T2	4.00	234.00	936.00	3.62	250	20	0	0
T3	8.00	170.00	1360.00	5.26	125	40	0	0
T4	16.00	138.00	2208.00	8.54	62	81	0	0
T5	32.00	122.00	3904.00	15.10	31	162	0	0
<b>Total Util: 35.32</b>								

Test n:	55			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	364.00	728.00	2.82	500	10	0	0
T2	4.00	236.00	944.00	3.65	250	20	0	0
T3	8.00	172.00	1376.00	5.32	125	40	0	0
T4	16.00	140.00	2240.00	8.67	62	81	0	0
T5	32.00	124.00	3968.00	15.35	31	162	0	0
<b>Total Util: 35.81</b>								

Test n:	56			Status:	Running			
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Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	366.00	732.00	2.83	500	10	0	0
T2	4.00	238.00	952.00	3.68	250	20	0	0
T3	8.00	174.00	1392.00	5.38	125	40	0	0
T4	16.00	142.00	2272.00	8.79	62	81	0	0
T5	32.00	126.00	4032.00	15.60	31	162	0	0
<b>Total Util: 36.28</b>								

Test n:	57		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	368.00	736.00	2.85	500	10	0	0
T2	4.00	240.00	960.00	3.71	250	20	0	0
T3	8.00	176.00	1408.00	5.45	125	40	0	0
T4	16.00	144.00	2304.00	8.91	62	81	0	0
T5	32.00	128.00	4096.00	15.85	31	162	0	0
<b>Total Util: 36.77</b>								

Test n:	58		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	370.00	740.00	2.86	500	10	0	0
T2	4.00	242.00	968.00	3.74	250	20	0	0
T3	8.00	178.00	1424.00	5.51	125	40	0	0
T4	16.00	146.00	2336.00	9.04	62	81	0	0
T5	32.00	130.00	4160.00	16.09	31	162	0	0
<b>Total Util: 37.24</b>								

Test n:	59		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	372.00	744.00	2.88	500	10	0	0
T2	4.00	244.00	976.00	3.78	250	20	0	0
T3	8.00	180.00	1440.00	5.57	125	40	0	0
T4	16.00	148.00	2368.00	9.16	62	81	0	0
T5	32.00	132.00	4224.00	16.34	31	162	0	0
<b>Total Util: 37.73</b>								

Test n:	60		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	374.00	748.00	2.89	500	10	0	0
T2	4.00	246.00	984.00	3.81	250	20	0	0
T3	8.00	182.00	1456.00	5.63	125	40	0	0
T4	16.00	150.00	2400.00	9.28	62	81	0	0
T5	32.00	134.00	4288.00	16.59	31	162	0	0
<b>Total Util: 38.2</b>								

Test n:	61		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	376.00	752.00	2.91	500	10	0	0
T2	4.00	248.00	992.00	3.84	250	20	0	0
T3	8.00	184.00	1472.00	5.69	125	40	0	0
T4	16.00	152.00	2432.00	9.41	62	81	0	0

T5	32.00	136.00	4352.00	16.84	31	162	0	0
			<b>Total Util:</b>	<b>38.69</b>				

Test n:	62			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	378.00	756.00	2.92	500	10	0	0
T2	4.00	250.00	1000.00	3.87	250	20	0	0
T3	8.00	186.00	1488.00	5.76	125	40	0	0
T4	16.00	154.00	2464.00	9.53	62	81	0	0
T5	32.00	138.00	4416.00	17.08	31	162	0	0
			<b>Total Util:</b>	<b>39.16</b>				

Test n:	63			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	380.00	760.00	2.94	500	10	0	0
T2	4.00	252.00	1008.00	3.90	250	20	0	0
T3	8.00	188.00	1504.00	5.82	125	40	0	0
T4	16.00	156.00	2496.00	9.66	62	81	0	0
T5	32.00	140.00	4480.00	17.33	31	162	0	0
			<b>Total Util:</b>	<b>39.65</b>				

Test n:	64			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	382.00	764.00	2.96	500	10	0	0
T2	4.00	254.00	1016.00	3.93	250	20	0	0
T3	8.00	190.00	1520.00	5.88	125	40	0	0
T4	16.00	158.00	2528.00	9.78	62	81	0	0
T5	32.00	142.00	4544.00	17.58	31	162	0	0
			<b>Total Util:</b>	<b>40.13</b>				

Test n:	65			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	384.00	768.00	2.97	500	10	0	0
T2	4.00	256.00	1024.00	3.96	250	20	0	0
T3	8.00	192.00	1536.00	5.94	125	40	0	0
T4	16.00	160.00	2560.00	9.90	62	81	0	0
T5	32.00	144.00	4608.00	17.83	31	162	0	0
			<b>Total Util:</b>	<b>40.6</b>				

Test n:	66			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	386.00	772.00	2.99	500	10	0	0
T2	4.00	258.00	1032.00	3.99	250	20	0	0
T3	8.00	194.00	1552.00	6.00	125	40	0	0
T4	16.00	162.00	2592.00	10.03	62	81	0	0
T5	32.00	146.00	4672.00	18.07	31	162	0	0
			<b>Total Util:</b>	<b>41.08</b>				

Test n:	67			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.00	388.00	776.00	3.00	500	10	0	0
T2	4.00	260.00	1040.00	4.02	250	20	0	0
T3	8.00	196.00	1568.00	6.07	125	40	0	0
T4	16.00	164.00	2624.00	10.15	62	81	0	0
T5	32.00	148.00	4736.00	18.32	31	162	0	0

**Total Util: 41.56**

Test n:	68		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	390.00	780.00	3.02	500	10	0	0
T2	4.00	262.00	1048.00	4.05	250	20	0	0
T3	8.00	198.00	1584.00	6.13	125	40	0	0
T4	16.00	166.00	2656.00	10.27	62	81	0	0
T5	32.00	150.00	4800.00	18.57	31	162	0	0

**Total Util: 42.04**

Test n:	69		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	392.00	784.00	3.03	500	10	0	0
T2	4.00	264.00	1056.00	4.09	250	20	0	0
T3	8.00	200.00	1600.00	6.19	125	40	0	0
T4	16.00	168.00	2688.00	10.40	62	81	0	0
T5	32.00	152.00	4864.00	18.82	31	162	0	0

**Total Util: 42.53**

Test n:	70		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	394.00	788.00	3.05	500	10	0	0
T2	4.00	266.00	1064.00	4.12	250	20	0	0
T3	8.00	202.00	1616.00	6.25	125	40	0	0
T4	16.00	170.00	2720.00	10.52	62	81	0	0
T5	32.00	154.00	4928.00	19.06	31	162	0	0

**Total Util: 43**

Test n:	71		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	396.00	792.00	3.06	500	10	0	0
T2	4.00	268.00	1072.00	4.15	250	20	0	0
T3	8.00	204.00	1632.00	6.31	125	40	0	0
T4	16.00	172.00	2752.00	10.65	62	81	0	0
T5	32.00	156.00	4992.00	19.31	31	162	0	0

**Total Util: 43.48**

Test n:	72		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	398.00	796.00	3.08	500	10	0	0
T2	4.00	270.00	1080.00	4.18	250	20	0	0
T3	8.00	206.00	1648.00	6.38	125	40	0	0
T4	16.00	174.00	2784.00	10.77	62	81	0	0
T5	32.00	158.00	5056.00	19.56	31	162	0	0

**Total Util: 43.97**

Test n:	73		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	400.00	800.00	3.09	500	10	0	0
T2	4.00	272.00	1088.00	4.21	250	20	0	0
T3	8.00	208.00	1664.00	6.44	125	40	0	0
T4	16.00	176.00	2816.00	10.89	62	81	0	0
T5	32.00	160.00	5120.00	19.81	31	162	0	0

**Total Util: 44.44**

Test n:	74		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	402.00	804.00	3.11	500	10	0	0
T2	4.00	274.00	1096.00	4.24	250	20	0	0
T3	8.00	210.00	1680.00	6.50	125	40	0	0
T4	16.00	178.00	2848.00	11.02	62	81	0	0
T5	32.00	162.00	5184.00	20.05	31	162	0	0

**Total Util: 44.92**

Test n:	75		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	404.00	808.00	3.13	500	10	0	0
T2	4.00	276.00	1104.00	4.27	250	20	0	0
T3	8.00	212.00	1696.00	6.56	125	40	0	0
T4	16.00	180.00	2880.00	11.14	62	81	0	0
T5	32.00	164.00	5248.00	20.30	31	162	0	0

**Total Util: 45.4**

Test n:	76		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	406.00	812.00	3.14	500	10	0	0
T2	4.00	278.00	1112.00	4.30	250	20	0	0
T3	8.00	214.00	1712.00	6.62	125	40	0	0
T4	16.00	182.00	2912.00	11.26	62	81	0	0
T5	32.00	166.00	5312.00	20.55	31	162	0	0

**Total Util: 45.87**

Test n:	77		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	408.00	816.00	3.16	500	10	0	0
T2	4.00	280.00	1120.00	4.33	250	20	0	0
T3	8.00	216.00	1728.00	6.68	125	40	0	0
T4	16.00	184.00	2944.00	11.39	62	81	0	0
T5	32.00	168.00	5376.00	20.80	31	162	0	0

**Total Util: 46.36**

Test n:	78		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	410.00	820.00	3.17	500	10	0	0

T2	4.00	282.00	1128.00	4.36	250	20	0	0
T3	8.00	218.00	1744.00	6.75	125	40	0	0
T4	16.00	186.00	2976.00	11.51	62	81	0	0
T5	32.00	170.00	5440.00	21.04	31	162	0	0

**Total Util: 46.83**

Test n:	79		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	412.00	824.00	3.19	500	10	0	0
T2	4.00	284.00	1136.00	4.39	250	20	0	0
T3	8.00	220.00	1760.00	6.81	125	40	0	0
T4	16.00	188.00	3008.00	11.64	62	81	0	0
T5	32.00	172.00	5504.00	21.29	31	162	0	0

**Total Util: 47.32**

Test n:	80		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	414.00	828.00	3.20	500	10	0	0
T2	4.00	286.00	1144.00	4.43	250	20	0	0
T3	8.00	222.00	1776.00	6.87	125	40	0	0
T4	16.00	190.00	3040.00	11.76	62	81	0	0
T5	32.00	174.00	5568.00	21.54	31	162	0	0

**Total Util: 47.8**

Test n:	81		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	416.00	832.00	3.22	500	10	0	0
T2	4.00	288.00	1152.00	4.46	250	20	0	0
T3	8.00	224.00	1792.00	6.93	125	40	0	0
T4	16.00	192.00	3072.00	11.88	62	81	0	0
T5	32.00	176.00	5632.00	21.79	31	162	0	0

**Total Util: 48.28**

Test n:	82		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	418.00	836.00	3.23	500	10	0	0
T2	4.00	290.00	1160.00	4.49	250	20	0	0
T3	8.00	226.00	1808.00	6.99	125	40	0	0
T4	16.00	194.00	3104.00	12.01	62	81	0	0
T5	32.00	178.00	5696.00	22.03	31	162	0	0

**Total Util: 48.75**

Test n:	83		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	420.00	840.00	3.25	500	10	0	0
T2	4.00	292.00	1168.00	4.52	250	20	0	0
T3	8.00	228.00	1824.00	7.06	125	40	0	0
T4	16.00	196.00	3136.00	12.13	62	81	0	0
T5	32.00	180.00	5760.00	22.28	31	162	0	0

**Total Util: 49.24**

Test n:	84		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	422.00	844.00	3.26	500	10	0	0
T2	4.00	294.00	1176.00	4.55	250	20	0	0
T3	8.00	230.00	1840.00	7.12	125	40	0	0
T4	16.00	198.00	3168.00	12.26	62	81	0	0
T5	32.00	182.00	5824.00	22.53	31	162	0	0
				<b>Total Util:</b>	<b>49.72</b>			

Test n:	85		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	424.00	848.00	3.28	500	10	0	0
T2	4.00	296.00	1184.00	4.58	250	20	0	0
T3	8.00	232.00	1856.00	7.18	125	40	0	0
T4	16.00	200.00	3200.00	12.38	62	81	0	0
T5	32.00	184.00	5888.00	22.78	31	162	0	0
				<b>Total Util:</b>	<b>50.2</b>			

Test n:	86		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	426.00	852.00	3.30	500	10	0	0
T2	4.00	298.00	1192.00	4.61	250	20	0	0
T3	8.00	234.00	1872.00	7.24	125	40	0	0
T4	16.00	202.00	3232.00	12.50	62	81	0	0
T5	32.00	186.00	5952.00	23.03	31	162	0	0
				<b>Total Util:</b>	<b>50.68</b>			

Test n:	87		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	428.00	856.00	3.31	500	10	0	0
T2	4.00	300.00	1200.00	4.64	250	20	0	0
T3	8.00	236.00	1888.00	7.30	125	40	0	0
T4	16.00	204.00	3264.00	12.63	62	81	0	0
T5	32.00	188.00	6016.00	23.27	31	162	0	0
				<b>Total Util:</b>	<b>51.15</b>			

Test n:	88		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	430.00	860.00	3.33	500	10	0	0
T2	4.00	302.00	1208.00	4.67	250	20	0	0
T3	8.00	238.00	1904.00	7.37	125	40	0	0
T4	16.00	206.00	3296.00	12.75	62	81	0	0
T5	32.00	190.00	6080.00	23.52	31	162	0	0
				<b>Total Util:</b>	<b>51.64</b>			

Test n:	89		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	432.00	864.00	3.34	500	10	0	0
T2	4.00	304.00	1216.00	4.70	250	20	0	0

T3	8.00	240.00	1920.00	7.43	125	40	0	0
T4	16.00	208.00	3328.00	12.87	62	81	0	0
T5	32.00	192.00	6144.00	23.77	31	162	0	0
<b>Total Util: 52.11</b>								

Test n:	90		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	434.00	868.00	3.36	500	10	0	0
T2	4.00	306.00	1224.00	4.74	250	20	0	0
T3	8.00	242.00	1936.00	7.49	125	40	0	0
T4	16.00	210.00	3360.00	13.00	62	81	0	0
T5	32.00	194.00	6208.00	24.02	31	162	0	0
Total Util:				52.61				

Test n:	91		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	436.00	872.00	3.37	500	10	0	0
T2	4.00	308.00	1232.00	4.77	250	20	0	0
T3	8.00	244.00	1952.00	7.55	125	40	0	0
T4	16.00	212.00	3392.00	13.12	62	81	0	0
T5	32.00	196.00	6272.00	24.26	31	162	0	0
Total Util:				53.07				

Test n:	92	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	438.00	876.00	3.39	500	10	0	0
T2	4.00	310.00	1240.00	4.80	250	20	0	0
T3	8.00	246.00	1968.00	7.61	125	40	0	0
T4	16.00	214.00	3424.00	13.25	62	81	0	0
T5	32.00	198.00	6336.00	24.51	31	162	0	0
Total Util:				53.56				

Test n:	93	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	440.00	880.00	3.40	500	10	0	0
T2	4.00	312.00	1248.00	4.83	250	20	0	0
T3	8.00	248.00	1984.00	7.68	125	40	0	0
T4	16.00	216.00	3456.00	13.37	62	81	0	0
T5	32.00	200.00	6400.00	24.76	31	162	0	0
Total Util:				54.04				

Test n:	94		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	442.00	884.00	3.42	500	10	0	0
T2	4.00	314.00	1256.00	4.86	250	20	0	0
T3	8.00	250.00	2000.00	7.74	125	40	0	0
T4	16.00	218.00	3488.00	13.49	62	81	0	0
T5	32.00	202.00	6464.00	25.01	31	162	0	0
			Total Util:	54.52				

Test n:	95	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	444.00	888.00	3.44	500	10	0	0
T2	4.00	316.00	1264.00	4.89	250	20	0	0
T3	8.00	252.00	2016.00	7.80	125	40	0	0
T4	16.00	220.00	3520.00	13.62	62	81	0	0
T5	32.00	204.00	6528.00	25.25	31	162	0	0

**Total Util: 55**

Test n:	96	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	446.00	892.00	3.45	500	10	0	0
T2	4.00	318.00	1272.00	4.92	250	20	0	0
T3	8.00	254.00	2032.00	7.86	125	40	0	0
T4	16.00	222.00	3552.00	13.74	62	81	0	0
T5	32.00	206.00	6592.00	25.50	31	162	0	0

**Total Util: 55.47**

Test n:	97	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	448.00	896.00	3.47	500	10	0	0
T2	4.00	320.00	1280.00	4.95	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	224.00	3584.00	13.86	62	81	0	0
T5	32.00	208.00	6656.00	25.75	31	162	0	0

**Total Util: 55.95**

Test n:	98	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	450.00	900.00	3.48	500	10	0	0
T2	4.00	322.00	1288.00	4.98	250	20	0	0
T3	8.00	258.00	2064.00	7.98	125	40	0	0
T4	16.00	226.00	3616.00	13.99	62	81	0	0
T5	32.00	210.00	6720.00	26.00	31	162	0	0

**Total Util: 56.43**

Test n:	99	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	452.00	904.00	3.50	500	10	0	0
T2	4.00	324.00	1296.00	5.01	250	20	0	0
T3	8.00	260.00	2080.00	8.05	125	40	0	0
T4	16.00	228.00	3648.00	14.11	62	81	0	0
T5	32.00	212.00	6784.00	26.24	31	162	0	0

**Total Util: 56.91**

Test n:	100	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	454.00	908.00	3.51	500	10	0	0
T2	4.00	326.00	1304.00	5.04	250	20	0	0
T3	8.00	262.00	2096.00	8.11	125	40	0	0



T4	16.00	230.00	3680.00	14.24	62	81	0	0
T5	32.00	214.00	6848.00	26.49	31	162	0	0
<b>Total Util: 57.39</b>								

Test n:	101			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	456.00	912.00	3.53	500	10	0	0
T2	4.00	328.00	1312.00	5.08	250	20	0	0
T3	8.00	264.00	2112.00	8.17	125	40	0	0
T4	16.00	232.00	3712.00	14.36	62	81	0	0
T5	32.00	216.00	6912.00	26.74	31	162	0	0
<b>Total Util: 57.88</b>								

Test n:	102			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	458.00	916.00	3.54	500	10	0	0
T2	4.00	330.00	1320.00	5.11	250	20	0	0
T3	8.00	266.00	2128.00	8.23	125	40	0	0
T4	16.00	234.00	3744.00	14.48	62	81	0	0
T5	32.00	218.00	6976.00	26.99	31	162	0	0
<b>Total Util: 58.35</b>								

Test n:	103			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	460.00	920.00	3.56	500	10	0	0
T2	4.00	332.00	1328.00	5.14	250	20	0	0
T3	8.00	268.00	2144.00	8.29	125	40	0	0
T4	16.00	236.00	3776.00	14.61	62	81	0	0
T5	32.00	220.00	7040.00	27.23	31	162	0	0
<b>Total Util: 58.83</b>								

Test n:	104			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	462.00	924.00	3.57	500	10	0	0
T2	4.00	334.00	1336.00	5.17	250	20	0	0
T3	8.00	270.00	2160.00	8.36	125	40	0	0
T4	16.00	238.00	3808.00	14.73	62	81	0	0
T5	32.00	222.00	7104.00	27.48	31	162	0	0
<b>Total Util: 59.31</b>								

Test n:	105			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	464.00	928.00	3.59	500	10	0	0
T2	4.00	336.00	1344.00	5.20	250	20	0	0
T3	8.00	272.00	2176.00	8.42	125	40	0	0
T4	16.00	240.00	3840.00	14.85	62	81	0	0
T5	32.00	224.00	7168.00	27.73	31	162	0	0
<b>Total Util: 59.79</b>								

Test n:	106			Status:	Running			
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Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	466.00	932.00	3.61	500	10	0	0
T2	4.00	338.00	1352.00	5.23	250	20	0	0
T3	8.00	274.00	2192.00	8.48	125	40	0	0
T4	16.00	242.00	3872.00	14.98	62	81	0	0
T5	32.00	226.00	7232.00	27.98	31	162	0	0
<b>Total Util:</b>				<b>60.28</b>				

Test n:	107			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	468.00	936.00	3.62	500	10	0	0
T2	4.00	340.00	1360.00	5.26	250	20	0	0
T3	8.00	276.00	2208.00	8.54	125	40	0	0
T4	16.00	244.00	3904.00	15.10	62	81	0	0
T5	32.00	228.00	7296.00	28.22	31	162	0	0
<b>Total Util:</b>				<b>60.74</b>				

Test n:	108			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	470.00	940.00	3.64	500	10	0	0
T2	4.00	342.00	1368.00	5.29	250	20	0	0
T3	8.00	278.00	2224.00	8.60	125	40	0	0
T4	16.00	246.00	3936.00	15.23	62	81	0	0
T5	32.00	230.00	7360.00	28.47	31	162	0	0
<b>Total Util:</b>				<b>61.23</b>				

Test n:	109			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	472.00	944.00	3.65	500	10	0	0
T2	4.00	344.00	1376.00	5.32	250	20	0	0
T3	8.00	280.00	2240.00	8.67	125	40	0	0
T4	16.00	248.00	3968.00	15.35	62	81	0	0
T5	32.00	232.00	7424.00	28.72	31	162	0	0
<b>Total Util:</b>				<b>61.71</b>				

Test n:	110			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	474.00	948.00	3.67	500	10	0	0
T2	4.00	346.00	1384.00	5.35	250	20	0	0
T3	8.00	282.00	2256.00	8.73	125	40	0	0
T4	16.00	250.00	4000.00	15.47	62	81	0	0
T5	32.00	234.00	7488.00	28.97	31	162	0	0
<b>Total Util:</b>				<b>62.19</b>				

Test n:	111			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	476.00	952.00	3.68	500	10	0	0
T2	4.00	348.00	1392.00	5.38	250	20	0	0
T3	8.00	284.00	2272.00	8.79	125	40	0	0
T4	16.00	252.00	4032.00	15.60	62	81	0	0

T5	32.00	236.00	7552.00	29.21	31	161	0	0
<b>Total Util: 62.66</b>								
Test n:	112		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	478.00	956.00	3.70	500	10	0	0
T2	4.00	350.00	1400.00	5.42	250	20	0	0
T3	8.00	286.00	2288.00	8.85	125	40	0	0
T4	16.00	254.00	4064.00	15.72	62	81	0	0
T5	32.00	238.00	7616.00	29.46	31	161	0	0
<b>Total Util: 63.15</b>								
Test n:	113		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	480.00	960.00	3.71	500	10	0	0
T2	4.00	352.00	1408.00	5.45	250	20	0	0
T3	8.00	288.00	2304.00	8.91	125	40	0	0
T4	16.00	256.00	4096.00	15.85	62	81	0	0
T5	32.00	240.00	7680.00	29.71	31	161	0	0
<b>Total Util: 63.63</b>								
Test n:	114		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	482.00	964.00	3.73	500	10	0	0
T2	4.00	354.00	1416.00	5.48	250	20	0	0
T3	8.00	290.00	2320.00	8.97	125	40	0	0
T4	16.00	258.00	4128.00	15.97	62	81	0	0
T5	32.00	242.00	7744.00	29.96	31	161	0	0
<b>Total Util: 64.11</b>								
Test n:	115		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	484.00	968.00	3.74	500	10	0	0
T2	4.00	356.00	1424.00	5.51	250	20	0	0
T3	8.00	292.00	2336.00	9.04	125	40	0	0
T4	16.00	260.00	4160.00	16.09	62	81	0	0
T5	32.00	244.00	7808.00	30.21	31	161	0	0
<b>Total Util: 64.59</b>								
Test n:	116		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	486.00	972.00	3.76	500	10	0	0
T2	4.00	358.00	1432.00	5.54	250	20	0	0
T3	8.00	294.00	2352.00	9.10	125	40	0	0
T4	16.00	262.00	4192.00	16.22	62	81	0	0
T5	32.00	246.00	7872.00	30.45	31	161	0	0
<b>Total Util: 65.07</b>								
Test n:	117		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.00	488.00	976.00	3.78	500	10	0	0
T2	4.00	360.00	1440.00	5.57	250	20	0	0
T3	8.00	296.00	2368.00	9.16	125	40	0	0
T4	16.00	264.00	4224.00	16.34	62	81	0	0
T5	32.00	248.00	7936.00	30.70	31	161	0	0

**Total Util: 65.55**

Test n:	118		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	490.00	980.00	3.79	500	10	0	0
T2	4.00	362.00	1448.00	5.60	250	20	0	0
T3	8.00	298.00	2384.00	9.22	125	40	0	0
T4	16.00	266.00	4256.00	16.46	62	81	0	0
T5	32.00	250.00	8000.00	30.95	31	161	0	0

**Total Util: 66.02**

Test n:	119		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	492.00	984.00	3.81	500	10	0	0
T2	4.00	364.00	1456.00	5.63	250	20	0	0
T3	8.00	300.00	2400.00	9.28	125	40	0	0
T4	16.00	268.00	4288.00	16.59	62	81	0	0
T5	32.00	252.00	8064.00	31.20	31	161	0	0

**Total Util: 66.51**

Test n:	120		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	494.00	988.00	3.82	500	10	0	0
T2	4.00	366.00	1464.00	5.66	250	20	0	0
T3	8.00	302.00	2416.00	9.35	125	40	0	0
T4	16.00	270.00	4320.00	16.71	62	81	0	0
T5	32.00	254.00	8128.00	31.44	31	161	0	0

**Total Util: 66.98**

Test n:	121		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	496.00	992.00	3.84	500	10	0	0
T2	4.00	368.00	1472.00	5.69	250	20	0	0
T3	8.00	304.00	2432.00	9.41	125	40	0	0
T4	16.00	272.00	4352.00	16.84	62	81	0	0
T5	32.00	256.00	8192.00	31.69	31	161	0	0

**Total Util: 67.47**

Test n:	122		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	498.00	996.00	3.85	500	10	0	0
T2	4.00	370.00	1480.00	5.73	250	20	0	0
T3	8.00	306.00	2448.00	9.47	125	40	0	0
T4	16.00	274.00	4384.00	16.96	62	81	0	0
T5	32.00	258.00	8256.00	31.94	31	161	0	0

**Total Util: 67.95**

Test n:	123	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	500.00	1000.00	3.87	500	10	0	0
T2	4.00	372.00	1488.00	5.76	250	20	0	0
T3	8.00	308.00	2464.00	9.53	125	40	0	0
T4	16.00	276.00	4416.00	17.08	62	81	0	0
T5	32.00	260.00	8320.00	32.19	31	161	0	0

**Total Util: 68.43**

Test n:	124	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	502.00	1004.00	3.88	500	10	0	0
T2	4.00	374.00	1496.00	5.79	250	20	0	0
T3	8.00	310.00	2480.00	9.59	125	40	0	0
T4	16.00	278.00	4448.00	17.21	62	81	0	0
T5	32.00	262.00	8384.00	32.43	31	161	0	0

**Total Util: 68.9**

Test n:	125	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	504.00	1008.00	3.90	500	10	0	0
T2	4.00	376.00	1504.00	5.82	250	20	0	0
T3	8.00	312.00	2496.00	9.66	125	40	0	0
T4	16.00	280.00	4480.00	17.33	62	81	0	0
T5	32.00	264.00	8448.00	32.68	31	161	0	0

**Total Util: 69.39**

Test n:	126	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	506.00	1012.00	3.91	500	10	0	0
T2	4.00	378.00	1512.00	5.85	250	20	0	0
T3	8.00	314.00	2512.00	9.72	125	40	0	0
T4	16.00	282.00	4512.00	17.45	62	81	0	0
T5	32.00	266.00	8512.00	32.93	31	161	0	0

**Total Util: 69.86**

Test n:	127	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	508.00	1016.00	3.93	500	10	0	0
T2	4.00	380.00	1520.00	5.88	250	20	0	0
T3	8.00	316.00	2528.00	9.78	125	40	0	0
T4	16.00	284.00	4544.00	17.58	62	81	0	0
T5	32.00	268.00	8576.00	33.18	31	161	0	0

**Total Util: 70.35**

Test n:	128	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	510.00	1020.00	3.95	500	10	0	0

T2	4.00	382.00	1528.00	5.91	250	20	0	0
T3	8.00	318.00	2544.00	9.84	125	40	0	0
T4	16.00	286.00	4576.00	17.70	62	81	0	0
T5	32.00	270.00	8640.00	33.42	31	161	0	0

**Total Util: 70.82**

Test n:	129		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	512.00	1024.00	3.96	500	10	0	0
T2	4.00	384.00	1536.00	5.94	250	20	0	0
T3	8.00	320.00	2560.00	9.90	125	40	0	0
T4	16.00	288.00	4608.00	17.83	62	81	0	0
T5	32.00	272.00	8704.00	33.67	31	161	0	0

**Total Util: 71.3**

Test n:	130		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	514.00	1028.00	3.98	500	10	0	0
T2	4.00	386.00	1544.00	5.97	250	20	0	0
T3	8.00	322.00	2576.00	9.97	125	40	0	0
T4	16.00	290.00	4640.00	17.95	62	81	0	0
T5	32.00	274.00	8768.00	33.92	31	161	0	0

**Total Util: 71.79**

Test n:	131		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	516.00	1032.00	3.99	500	10	0	0
T2	4.00	388.00	1552.00	6.00	250	20	0	0
T3	8.00	324.00	2592.00	10.03	125	40	0	0
T4	16.00	292.00	4672.00	18.07	62	81	0	0
T5	32.00	276.00	8832.00	34.17	31	161	0	0

**Total Util: 72.26**

Test n:	132		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	518.00	1036.00	4.01	500	10	0	0
T2	4.00	390.00	1560.00	6.03	250	20	0	0
T3	8.00	326.00	2608.00	10.09	125	40	0	0
T4	16.00	294.00	4704.00	18.20	62	81	0	0
T5	32.00	278.00	8896.00	34.41	31	161	0	0

**Total Util: 72.74**

Test n:	133		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	520.00	1040.00	4.02	500	10	0	0
T2	4.00	392.00	1568.00	6.07	250	20	0	0
T3	8.00	328.00	2624.00	10.15	125	40	0	0
T4	16.00	296.00	4736.00	18.32	62	81	0	0
T5	32.00	280.00	8960.00	34.66	31	161	0	0

**Total Util: 73.22**

Test n:	134	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	522.00	1044.00	4.04	500	10	0	0
T2	4.00	394.00	1576.00	6.10	250	20	0	0
T3	8.00	330.00	2640.00	10.21	125	40	0	0
T4	16.00	298.00	4768.00	18.44	62	81	0	0
T5	32.00	282.00	9024.00	34.91	31	161	0	0
<b>Total Util: 73.7</b>								

Test n:	135	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	524.00	1048.00	4.05	500	10	0	0
T2	4.00	396.00	1584.00	6.13	250	20	0	0
T3	8.00	332.00	2656.00	10.27	125	40	0	0
T4	16.00	300.00	4800.00	18.57	62	81	0	0
T5	32.00	284.00	9088.00	35.16	31	161	0	0
<b>Total Util: 74.18</b>								

Test n:	136	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	526.00	1052.00	4.07	500	10	0	0
T2	4.00	398.00	1592.00	6.16	250	20	0	0
T3	8.00	334.00	2672.00	10.34	125	40	0	0
T4	16.00	302.00	4832.00	18.69	62	81	0	0
T5	32.00	286.00	9152.00	35.40	31	161	0	0
<b>Total Util: 74.66</b>								

Test n:	137	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	528.00	1056.00	4.09	500	10	0	0
T2	4.00	400.00	1600.00	6.19	250	20	0	0
T3	8.00	336.00	2688.00	10.40	125	40	0	0
T4	16.00	304.00	4864.00	18.82	62	81	0	0
T5	32.00	288.00	9216.00	35.65	31	161	0	0
<b>Total Util: 75.15</b>								

Test n:	138	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	530.00	1060.00	4.10	500	10	0	0
T2	4.00	402.00	1608.00	6.22	250	20	0	0
T3	8.00	338.00	2704.00	10.46	125	40	0	0
T4	16.00	306.00	4896.00	18.94	62	81	0	0
T5	32.00	290.00	9280.00	35.90	31	161	0	0
<b>Total Util: 75.62</b>								

Test n:	139	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	532.00	1064.00	4.12	500	10	0	0
T2	4.00	404.00	1616.00	6.25	250	20	0	0

T3	8.00	340.00	2720.00	10.52	125	40	0	0
T4	16.00	308.00	4928.00	19.06	62	81	0	0
T5	32.00	292.00	9344.00	36.15	31	161	0	0
<b>Total Util: 76.1</b>								

Test n:	140	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	534.00	1068.00	4.13	500	10	0	0
T2	4.00	406.00	1624.00	6.28	250	20	0	0
T3	8.00	342.00	2736.00	10.58	125	40	0	0
T4	16.00	310.00	4960.00	19.19	62	81	0	0
T5	32.00	294.00	9408.00	36.39	31	161	0	0
Total Util:				76.57				

Test n:	141	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	536.00	1072.00	4.15	500	10	0	0
T2	4.00	408.00	1632.00	6.31	250	20	0	0
T3	8.00	344.00	2752.00	10.65	125	40	0	0
T4	16.00	312.00	4992.00	19.31	62	81	0	0
T5	32.00	296.00	9472.00	36.64	31	161	0	0
Total Util:				77.06				

Test n:	142	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	538.00	1076.00	4.16	500	10	0	0
T2	4.00	410.00	1640.00	6.34	250	20	0	0
T3	8.00	346.00	2768.00	10.71	125	40	0	0
T4	16.00	314.00	5024.00	19.44	62	81	0	0
T5	32.00	298.00	9536.00	36.89	31	161	0	0
Total Util:				77.54				

Test n:	143	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	540.00	1080.00	4.18	500	10	0	0
T2	4.00	412.00	1648.00	6.38	250	20	0	0
T3	8.00	348.00	2784.00	10.77	125	40	0	0
T4	16.00	316.00	5056.00	19.56	62	81	0	0
T5	32.00	300.00	9600.00	37.14	31	161	0	0
Total Util:				78.03				

Test n:	144	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	542.00	1084.00	4.19	500	10	0	0
T2	4.00	414.00	1656.00	6.41	250	20	0	0
T3	8.00	350.00	2800.00	10.83	125	40	0	0
T4	16.00	318.00	5088.00	19.68	62	81	0	0
T5	32.00	302.00	9664.00	37.38	31	161	0	0
Total Util:				78.49				



Test n:	145	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	544.00	1088.00	4.21	500	10	0	0
T2	4.00	416.00	1664.00	6.44	250	20	0	0
T3	8.00	352.00	2816.00	10.89	125	40	0	0
T4	16.00	320.00	5120.00	19.81	62	81	0	0
T5	32.00	304.00	9728.00	37.63	31	161	0	0
<b>Total Util: 78.98</b>								

Test n:	146	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	546.00	1092.00	4.22	500	10	0	0
T2	4.00	418.00	1672.00	6.47	250	20	0	0
T3	8.00	354.00	2832.00	10.96	125	40	0	0
T4	16.00	322.00	5152.00	19.93	62	81	0	0
T5	32.00	306.00	9792.00	37.88	31	161	0	0
<b>Total Util: 79.46</b>								

Test n:	147	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	548.00	1096.00	4.24	500	10	0	0
T2	4.00	420.00	1680.00	6.50	250	20	0	0
T3	8.00	356.00	2848.00	11.02	125	40	0	0
T4	16.00	324.00	5184.00	20.05	62	81	0	0
T5	32.00	308.00	9856.00	38.13	31	161	0	0
<b>Total Util: 79.94</b>								

Test n:	148	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	550.00	1100.00	4.26	500	10	0	0
T2	4.00	422.00	1688.00	6.53	250	20	0	0
T3	8.00	358.00	2864.00	11.08	125	40	0	0
T4	16.00	326.00	5216.00	20.18	62	81	0	0
T5	32.00	310.00	9920.00	38.38	31	161	0	0
<b>Total Util: 80.43</b>								

Test n:	149	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	552.00	1104.00	4.27	500	10	0	0
T2	4.00	424.00	1696.00	6.56	250	20	0	0
T3	8.00	360.00	2880.00	11.14	125	40	0	0
T4	16.00	328.00	5248.00	20.30	62	81	0	0
T5	32.00	312.00	9984.00	38.62	31	161	0	0
<b>Total Util: 80.89</b>								

Test n:	150	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	554.00	1108.00	4.29	500	10	0	0
T2	4.00	426.00	1704.00	6.59	250	20	0	0
T3	8.00	362.00	2896.00	11.20	125	40	0	0

T4	16.00	330.00	5280.00	20.43	62	81	0	0
T5	32.00	314.00	10048.00	38.87	31	161	0	0
<b>Total Util: 81.38</b>								

Test n:	151			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	556.00	1112.00	4.30	500	10	0	0
T2	4.00	428.00	1712.00	6.62	250	20	0	0
T3	8.00	364.00	2912.00	11.26	125	40	0	0
T4	16.00	332.00	5312.00	20.55	62	81	0	0
T5	32.00	316.00	10112.00	39.12	31	161	0	0
<b>Total Util: 81.85</b>								

Test n:	152			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	558.00	1116.00	4.32	500	10	0	0
T2	4.00	430.00	1720.00	6.65	250	20	0	0
T3	8.00	366.00	2928.00	11.33	125	40	0	0
T4	16.00	334.00	5344.00	20.67	62	81	0	0
T5	32.00	318.00	10176.00	39.37	31	161	0	0
<b>Total Util: 82.34</b>								

Test n:	153			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	560.00	1120.00	4.33	500	10	0	0
T2	4.00	432.00	1728.00	6.68	250	20	0	0
T3	8.00	368.00	2944.00	11.39	125	40	0	0
T4	16.00	336.00	5376.00	20.80	62	81	0	0
T5	32.00	320.00	10240.00	39.61	31	161	0	0
<b>Total Util: 82.81</b>								

Test n:	154			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	562.00	1124.00	4.35	500	10	0	0
T2	4.00	434.00	1736.00	6.72	250	20	0	0
T3	8.00	370.00	2960.00	11.45	125	40	0	0
T4	16.00	338.00	5408.00	20.92	62	81	0	0
T5	32.00	322.00	10304.00	39.86	31	161	0	0
<b>Total Util: 83.3</b>								

Test n:	155			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	564.00	1128.00	4.36	500	10	0	0
T2	4.00	436.00	1744.00	6.75	250	20	0	0
T3	8.00	372.00	2976.00	11.51	125	40	0	0
T4	16.00	340.00	5440.00	21.04	62	81	0	0
T5	32.00	324.00	10368.00	40.11	31	161	0	0
<b>Total Util: 83.77</b>								

Test n:	156			Status:	Running			
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Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	566.00	1132.00	4.38	500	10	0	0
T2	4.00	438.00	1752.00	6.78	250	20	0	0
T3	8.00	374.00	2992.00	11.57	125	40	0	0
T4	16.00	342.00	5472.00	21.17	62	81	0	0
T5	32.00	326.00	10432.00	40.36	31	161	0	0
<b>Total Util: 84.26</b>								

Test n:	157		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	568.00	1136.00	4.39	500	10	0	0
T2	4.00	440.00	1760.00	6.81	250	20	0	0
T3	8.00	376.00	3008.00	11.64	125	40	0	0
T4	16.00	344.00	5504.00	21.29	62	81	0	0
T5	32.00	328.00	10496.00	40.60	31	161	0	0
<b>Total Util: 84.73</b>								

Test n:	158		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	570.00	1140.00	4.41	500	10	0	0
T2	4.00	442.00	1768.00	6.84	250	20	0	0
T3	8.00	378.00	3024.00	11.70	125	40	0	0
T4	16.00	346.00	5536.00	21.42	62	81	0	0
T5	32.00	330.00	10560.00	40.85	31	161	0	0
<b>Total Util: 85.22</b>								

Test n:	159		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	572.00	1144.00	4.43	500	10	0	0
T2	4.00	444.00	1776.00	6.87	250	20	0	0
T3	8.00	380.00	3040.00	11.76	125	40	0	0
T4	16.00	348.00	5568.00	21.54	62	81	0	0
T5	32.00	332.00	10624.00	41.10	31	161	0	0
<b>Total Util: 85.7</b>								

Test n:	160		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	574.00	1148.00	4.44	500	10	0	0
T2	4.00	446.00	1784.00	6.90	250	20	0	0
T3	8.00	382.00	3056.00	11.82	125	40	0	0
T4	16.00	350.00	5600.00	21.66	62	81	0	0
T5	32.00	334.00	10688.00	41.35	31	161	0	0
<b>Total Util: 86.17</b>								

Test n:	161		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	576.00	1152.00	4.46	500	10	0	0
T2	4.00	448.00	1792.00	6.93	250	20	0	0
T3	8.00	384.00	3072.00	11.88	125	40	0	0
T4	16.00	352.00	5632.00	21.79	62	81	0	0

T5	32.00	336.00	10752.00	41.59	31	161	0	0
<b>Total Util: 86.65</b>								
Test n:	162		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	578.00	1156.00	4.47	500	10	0	0
T2	4.00	450.00	1800.00	6.96	250	20	0	0
T3	8.00	386.00	3088.00	11.95	125	40	0	0
T4	16.00	354.00	5664.00	21.91	62	81	0	0
T5	32.00	338.00	10816.00	41.84	31	161	0	0
<b>Total Util: 87.13</b>								
Test n:	163		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	580.00	1160.00	4.49	500	10	0	0
T2	4.00	452.00	1808.00	6.99	250	20	0	0
T3	8.00	388.00	3104.00	12.01	125	40	0	0
T4	16.00	356.00	5696.00	22.03	62	81	0	0
T5	32.00	340.00	10880.00	42.09	31	161	0	0
<b>Total Util: 87.61</b>								
Test n:	164		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	582.00	1164.00	4.50	500	10	0	0
T2	4.00	454.00	1816.00	7.03	250	20	0	0
T3	8.00	390.00	3120.00	12.07	125	40	0	0
T4	16.00	358.00	5728.00	22.16	62	81	0	0
T5	32.00	342.00	10944.00	42.34	31	161	0	0
<b>Total Util: 88.1</b>								
Test n:	165		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	584.00	1168.00	4.52	500	10	0	0
T2	4.00	456.00	1824.00	7.06	250	20	0	0
T3	8.00	392.00	3136.00	12.13	125	40	0	0
T4	16.00	360.00	5760.00	22.28	62	81	0	0
T5	32.00	344.00	11008.00	42.58	31	161	0	0
<b>Total Util: 88.57</b>								
Test n:	166		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	586.00	1172.00	4.53	500	10	0	0
T2	4.00	458.00	1832.00	7.09	250	20	0	0
T3	8.00	394.00	3152.00	12.19	125	40	0	0
T4	16.00	362.00	5792.00	22.41	62	81	0	0
T5	32.00	346.00	11072.00	42.83	31	161	0	0
<b>Total Util: 89.05</b>								
Test n:	167		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.00	588.00	1176.00	4.55	500	10	0	0
T2	4.00	460.00	1840.00	7.12	250	20	0	0
T3	8.00	396.00	3168.00	12.26	125	40	0	0
T4	16.00	364.00	5824.00	22.53	62	81	0	0
T5	32.00	348.00	11136.00	43.08	31	161	0	0
<b>Total Util: 89.54</b>								

Test n:	168			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	590.00	1180.00	4.56	500	10	0	0
T2	4.00	462.00	1848.00	7.15	250	20	0	0
T3	8.00	398.00	3184.00	12.32	125	40	0	0
T4	16.00	366.00	5856.00	22.65	62	81	0	0
T5	32.00	350.00	11200.00	43.33	31	161	0	0
<b>Total Util: 90.01</b>								

Test n:	169			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	592.00	1184.00	4.58	500	10	0	0
T2	4.00	464.00	1856.00	7.18	250	20	0	0
T3	8.00	400.00	3200.00	12.38	125	40	0	0
T4	16.00	368.00	5888.00	22.78	62	81	0	0
T5	32.00	352.00	11264.00	43.57	31	161	0	0
<b>Total Util: 90.49</b>								

Test n:	170			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	594.00	1188.00	4.60	500	10	0	0
T2	4.00	466.00	1864.00	7.21	250	20	0	0
T3	8.00	402.00	3216.00	12.44	125	40	0	0
T4	16.00	370.00	5920.00	22.90	62	81	0	0
T5	32.00	354.00	11328.00	43.82	31	161	0	0
<b>Total Util: 90.97</b>								

Test n:	171			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	596.00	1192.00	4.61	500	10	0	0
T2	4.00	468.00	1872.00	7.24	250	20	0	0
T3	8.00	404.00	3232.00	12.50	125	40	0	0
T4	16.00	372.00	5952.00	23.03	62	81	0	0
T5	32.00	356.00	11392.00	44.07	31	161	0	0
<b>Total Util: 91.45</b>								

Test n:	172			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	598.00	1196.00	4.63	500	10	0	0
T2	4.00	470.00	1880.00	7.27	250	20	0	0
T3	8.00	406.00	3248.00	12.56	125	40	0	0
T4	16.00	374.00	5984.00	23.15	62	81	0	0
T5	32.00	358.00	11456.00	44.32	31	161	0	0

**Total Util: 91.93**

Test n:	173		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	600.00	1200.00	4.64	500	10	0	0
T2	4.00	472.00	1888.00	7.30	250	20	0	0
T3	8.00	408.00	3264.00	12.63	125	40	0	0
T4	16.00	376.00	6016.00	23.27	62	81	0	0
T5	32.00	360.00	11520.00	44.56	31	161	0	0

**Total Util: 92.4**

Test n:	174		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	602.00	1204.00	4.66	500	10	0	0
T2	4.00	474.00	1896.00	7.33	250	20	0	0
T3	8.00	410.00	3280.00	12.69	125	40	0	0
T4	16.00	378.00	6048.00	23.40	62	81	0	0
T5	32.00	362.00	11584.00	44.81	31	161	0	0

**Total Util: 92.89**

Test n:	175		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	604.00	1208.00	4.67	500	10	0	0
T2	4.00	476.00	1904.00	7.37	250	20	0	0
T3	8.00	412.00	3296.00	12.75	125	40	0	0
T4	16.00	380.00	6080.00	23.52	62	81	0	0
T5	32.00	364.00	11648.00	45.06	31	161	0	0

**Total Util: 93.37**

Test n:	176		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	606.00	1212.00	4.69	500	10	0	0
T2	4.00	478.00	1912.00	7.40	250	20	0	0
T3	8.00	414.00	3312.00	12.81	125	40	0	0
T4	16.00	382.00	6112.00	23.64	62	81	0	0
T5	32.00	366.00	11712.00	45.31	31	161	0	0

**Total Util: 93.85**

Test n:	177		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	608.00	1216.00	4.70	500	10	0	0
T2	4.00	480.00	1920.00	7.43	250	20	0	0
T3	8.00	416.00	3328.00	12.87	125	40	0	0
T4	16.00	384.00	6144.00	23.77	62	81	0	0
T5	32.00	368.00	11776.00	45.56	31	161	0	0

**Total Util: 94.33**

Test n:	178		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	610.00	1220.00	4.72	500	10	0	0

T2	4.00	482.00	1928.00	7.46	250	20	0	0
T3	8.00	418.00	3344.00	12.94	125	40	0	0
T4	16.00	386.00	6176.00	23.89	62	81	0	0
T5	32.00	370.00	11840.00	45.80	31	161	0	0

**Total Util: 94.81**

Test n:	179		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	612.00	1224.00	4.74	500	10	0	0
T2	4.00	484.00	1936.00	7.49	250	20	0	0
T3	8.00	420.00	3360.00	13.00	125	40	0	0
T4	16.00	388.00	6208.00	24.02	62	81	0	0
T5	32.00	372.00	11904.00	46.05	31	161	0	0

**Total Util: 95.3**

Test n:	180		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	614.00	1228.00	4.75	500	10	0	0
T2	4.00	486.00	1944.00	7.52	250	20	0	0
T3	8.00	422.00	3376.00	13.06	125	40	0	0
T4	16.00	390.00	6240.00	24.14	62	81	0	0
T5	32.00	374.00	11968.00	46.30	31	161	0	0

**Total Util: 95.77**

Test n:	181		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	616.00	1232.00	4.77	500	10	0	0
T2	4.00	488.00	1952.00	7.55	250	20	0	0
T3	8.00	424.00	3392.00	13.12	125	40	0	0
T4	16.00	392.00	6272.00	24.26	62	81	0	0
T5	32.00	376.00	12032.00	46.55	31	161	0	0

**Total Util: 96.25**

Test n:	182		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	618.00	1236.00	4.78	500	10	0	0
T2	4.00	490.00	1960.00	7.58	250	20	0	0
T3	8.00	426.00	3408.00	13.18	125	40	0	0
T4	16.00	394.00	6304.00	24.39	62	81	0	0
T5	32.00	378.00	12096.00	46.79	31	161	0	0

**Total Util: 96.72**

Test n:	183		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	620.00	1240.00	4.80	500	10	0	0
T2	4.00	492.00	1968.00	7.61	250	20	0	0
T3	8.00	428.00	3424.00	13.25	125	40	0	0
T4	16.00	396.00	6336.00	24.51	62	81	0	0
T5	32.00	380.00	12160.00	47.04	31	161	0	0

**Total Util: 97.21**

Test n:	184	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	622.00	1244.00	4.81	500	10	0	0
T2	4.00	494.00	1976.00	7.64	250	20	0	0
T3	8.00	430.00	3440.00	13.31	125	40	0	0
T4	16.00	398.00	6368.00	24.63	62	81	0	0
T5	32.00	382.00	12224.00	47.29	31	161	0	0
			<b>Total Util:</b>	<b>97.68</b>				

Test n:	185	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	624.00	1248.00	4.83	500	10	0	0
T2	4.00	496.00	1984.00	7.68	250	20	0	0
T3	8.00	432.00	3456.00	13.37	125	40	0	0
T4	16.00	400.00	6400.00	24.76	62	81	0	0
T5	32.00	384.00	12288.00	47.54	31	161	0	0
			<b>Total Util:</b>	<b>98.18</b>				

Test n:	186	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	626.00	1252.00	4.84	500	10	0	0
T2	4.00	498.00	1992.00	7.71	250	20	0	0
T3	8.00	434.00	3472.00	13.43	125	40	0	0
T4	16.00	402.00	6432.00	24.88	62	81	0	0
T5	32.00	386.00	12352.00	47.78	31	161	0	0
			<b>Total Util:</b>	<b>98.64</b>				

Test n:	187	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	628.00	1256.00	4.86	500	10	0	0
T2	4.00	500.00	2000.00	7.74	250	20	0	0
T3	8.00	436.00	3488.00	13.49	125	40	0	0
T4	16.00	404.00	6464.00	25.01	62	81	0	0
T5	32.00	388.00	12416.00	48.03	31	161	0	0
			<b>Total Util:</b>	<b>99.13</b>				

Test n:	188	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	630.00	1260.00	4.87	500	10	0	0
T2	4.00	502.00	2008.00	7.77	250	20	0	0
T3	8.00	438.00	3504.00	13.56	125	40	0	0
T4	16.00	406.00	6496.00	25.13	62	81	0	0
T5	32.00	390.00	12480.00	48.28	31	161	0	0
			<b>Total Util:</b>	<b>99.61</b>				

Test n:	189	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	632.00	1264.00	4.89	500	0	5	5
T2	4.00	504.00	2016.00	7.80	250	20	0	0



T3	8.00	440.00	3520.00	13.62	125	40	0	0
T4	16.00	408.00	6528.00	25.25	62	81	0	0
T5	32.00	392.00	12544.00	48.53	31	161	0	0
Total Util: 100.09								

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 1.98

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0

Total Util: 9.9

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0

Total Util: 11.88

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0
T7	8.00	64.00	512.00	1.98	125	40	0	0

Total Util: 13.86

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0
T7	8.00	64.00	512.00	1.98	125	40	0	0
T8	8.00	64.00	512.00	1.98	125	40	0	0

**Total Util: 15.84**

Test n:	5		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0
T7	8.00	64.00	512.00	1.98	125	40	0	0
T8	8.00	64.00	512.00	1.98	125	40	0	0
T9	8.00	64.00	512.00	1.98	125	40	0	0
<b>Total Util: 17.82</b>								

Test n:	6		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0
T7	8.00	64.00	512.00	1.98	125	40	0	0
T8	8.00	64.00	512.00	1.98	125	40	0	0
T9	8.00	64.00	512.00	1.98	125	40	0	0
T10	8.00	64.00	512.00	1.98	125	40	0	0
<b>Total Util: 19.8</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0

T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0
T7	8.00	64.00	512.00	1.98	125	40	0	0
T8	8.00	64.00	512.00	1.98	125	40	0	0
T9	8.00	64.00	512.00	1.98	125	40	0	0
T10	8.00	64.00	512.00	1.98	125	40	0	0
T11	8.00	64.00	512.00	1.98	125	40	0	0

**Total Util: 21.78**

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0
T7	8.00	64.00	512.00	1.98	125	40	0	0
T8	8.00	64.00	512.00	1.98	125	40	0	0
T9	8.00	64.00	512.00	1.98	125	40	0	0
T10	8.00	64.00	512.00	1.98	125	40	0	0
T11	8.00	64.00	512.00	1.98	125	40	0	0
T12	8.00	64.00	512.00	1.98	125	40	0	0

**Total Util: 23.76**

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0
T7	8.00	64.00	512.00	1.98	125	40	0	0
T8	8.00	64.00	512.00	1.98	125	40	0	0

T9	8.00	64.00	512.00	1.98	125	40	0	0
T10	8.00	64.00	512.00	1.98	125	40	0	0
T11	8.00	64.00	512.00	1.98	125	40	0	0
T12	8.00	64.00	512.00	1.98	125	40	0	0
T13	8.00	64.00	512.00	1.98	125	40	0	0
Total Util: 25.74								

Test n:	10	Status:		Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	1.98	500	10	0	0
T2	4.00	128.00	512.00	1.98	250	20	0	0
T3	8.00	64.00	512.00	1.98	125	40	0	0
T4	16.00	32.00	512.00	1.98	62	81	0	0
T5	32.00	16.00	512.00	1.98	31	162	0	0
T6	8.00	64.00	512.00	1.98	125	40	0	0
T7	8.00	64.00	512.00	1.98	125	40	0	0
T8	8.00	64.00	512.00	1.98	125	40	0	0
T9	8.00	64.00	512.00	1.98	125	40	0	0
T10	8.00	64.00	512.00	1.98	125	40	0	0
T11	8.00	64.00	512.00	1.98	125	40	0	0
T12	8.00	64.00	512.00	1.98	125	40	0	0
T13	8.00	64.00	512.00	1.98	125	40	0	0
T14	8.00	64.00	512.00	1.98	125	40	0	0
Total Util: 27.72								

Test n: 11

Status: Error: Create Task

Board: Flex

OS: Erika

Rawspeed: 4625.0000

Step Size: 5.5351

Test n: 1  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	10	0	0
T2	4.0000	128	512.0000	11.0702	250	20	0	0
T3	8.0000	64	512.0000	11.0702	125	40	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	32.0000	16	512.0000	11.0702	31	162	0	0

Total Util: 55.351

Test n: 2  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	48.0000	16	768.0000	16.6054	20	250	0	0

Total Util: 60.8862

Test n: 3  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	64.0000	16	1024.0000	22.1405	15	335	0	0

Total Util: 66.4213

Test n: 4  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	80.0000	16	1280.0000	27.6756	12	417	0	0

Total Util: 71.9564

Test n: 5  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	96.0000	16	1536.0000	33.2108	10	500	0	0

Total Util: 77.4916

Test n: 6  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	112.0000	16	1792.0000	38.7459	8	626	0	0
Total Util:				83.0267				

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	128.0000	16	2048.0000	44.2810	7	715	0	0
Total Util:				88.5618				

Test n:	8		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	1	5	5
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	144.0000	16	2304.0000	49.8162	6	834	0	0
Total Util:				94.097				

Board: Flex

OS: Erika

Rawspeed: 4625.0000

Step Size: 5.5351

Test n: 1  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	32.0000	16	512.0000	11.0702	31	163	0	0

Total Util: 55.351

Test n: 2  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.2000	256	563.2000	12.1772	454	12	0	0
T2	4.4000	128	563.2000	12.1772	227	23	0	0
T3	8.8000	64	563.2000	12.1772	113	46	0	0
T4	17.6000	32	563.2000	12.1772	56	90	0	0
T5	35.2000	16	563.2000	12.1772	28	179	0	0

Total Util: 60.886

Test n: 3  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.4000	256	614.4000	13.2843	416	13	0	0
T2	4.8000	128	614.4000	13.2843	208	25	0	0
T3	9.6000	64	614.4000	13.2843	104	48	0	0
T4	19.2000	32	614.4000	13.2843	52	96	0	0
T5	38.4000	16	614.4000	13.2843	26	193	0	0

Total Util: 66.4215

Test n: 4  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.5999	256	665.5999	14.3913	384	14	0	0
T2	5.1999	128	665.5999	14.3913	192	27	0	0
T3	10.3999	64	665.5999	14.3913	96	53	0	0
T4	20.7999	32	665.5999	14.3913	48	105	0	0
T5	41.5999	16	665.5999	14.3913	24	209	0	0

Total Util: 71.9565

Test n: 5  
Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.7999	256	716.7999	15.4983	357	15	0	0
T2	5.5999	128	716.7999	15.4983	178	29	0	0
T3	11.1999	64	716.7999	15.4983	89	57	0	0
T4	22.3999	32	716.7999	15.4983	44	115	0	0
T5	44.7999	16	716.7999	15.4983	22	228	0	0

Total Util: 77.4915

Test n: 6  
Status: Running



Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.0000	256	768.0000	16.6054	333	16	0	0
T2	6.0000	128	768.0000	16.6054	166	31	0	0
T3	12.0000	64	768.0000	16.6054	83	62	0	0
T4	24.0000	32	768.0000	16.6054	41	122	0	0
T5	48.0000	16	768.0000	16.6054	20	250	0	0

**Total Util: 83.027**

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.2000	256	819.2000	17.7124	312	17	0	0
T2	6.4000	128	819.2000	17.7124	156	33	0	0
T3	12.8000	64	819.2000	17.7124	78	64	0	0
T4	25.6000	32	819.2000	17.7124	39	128	0	0
T5	51.2000	16	819.2000	17.7124	19	264	0	0

**Total Util: 88,562**

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.4000	256	870.4000	18.8194	294	18	0	0
T2	6.8000	128	870.4000	18.8194	147	35	0	0
T3	13.6000	64	870.4000	18.8194	73	70	0	0
T4	27.2000	32	870.4000	18.8194	36	140	0	0
T5	54.4000	16	870.4000	18.8194	18	279	0	0

**Total Util: 94.097**

Test n:	9		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.5999	256	921.5999	19.9264	277	1	9	9
T2	7.1999	128	921.5999	19.9264	138	37	0	0
T3	14.3999	64	921.5999	19.9264	69	73	0	0
T4	28.7999	32	921.5999	19.9264	34	147	0	0
T5	57.5999	16	921.5999	19.9264	17	294	0	0

**Total Util: 99.632**

Board: Flex

OS: Erika

Rawspeed: 4625.0000

Step Size: 2.6810

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	40	0	0
T4	16.0000	32	512.0000	11.0702	62	82	0	0
T5	32.0000	16	512.0000	11.0702	31	163	0	0

Total Util: 55.351

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	258	516.0000	11.1567	500	11	0	0
T2	4.0000	130	520.0000	11.2432	250	21	0	0
T3	8.0000	66	528.0000	11.4162	125	41	0	0
T4	16.0000	34	544.0000	11.7621	62	81	0	0
T5	32.0000	18	576.0000	12.4540	31	162	0	0

Total Util: 58.0322

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	260	520.0000	11.2432	500	11	0	0
T2	4.0000	132	528.0000	11.4162	250	21	0	0
T3	8.0000	68	544.0000	11.7621	125	41	0	0
T4	16.0000	36	576.0000	12.4540	62	81	0	0
T5	32.0000	20	640.0000	13.8378	31	162	0	0

Total Util: 60.7133

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	262	524.0000	11.3297	500	11	0	0
T2	4.0000	134	536.0000	11.5891	250	21	0	0
T3	8.0000	70	560.0000	12.1081	125	41	0	0
T4	16.0000	38	608.0000	13.1459	62	81	0	0
T5	32.0000	22	704.0000	15.2216	31	162	0	0

Total Util: 63.3944

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	264	528.0000	11.4162	500	11	0	0
T2	4.0000	136	544.0000	11.7621	250	21	0	0
T3	8.0000	72	576.0000	12.4540	125	41	0	0
T4	16.0000	40	640.0000	13.8378	62	81	0	0
T5	32.0000	24	768.0000	16.6054	31	162	0	0

Total Util: 66.0755

Test n: 6 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	266	532.0000	11.5027	500	11	0	0
T2	4.0000	138	552.0000	11.9351	250	21	0	0
T3	8.0000	74	592.0000	12.8000	125	41	0	0
T4	16.0000	42	672.0000	14.5297	62	81	0	0
T5	32.0000	26	832.0000	17.9891	31	162	0	0
<b>Total Util: 68.7566</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	268	536.0000	11.5891	500	11	0	0
T2	4.0000	140	560.0000	12.1081	250	21	0	0
T3	8.0000	76	608.0000	13.1459	125	41	0	0
T4	16.0000	44	704.0000	15.2216	62	81	0	0
T5	32.0000	28	896.0000	19.3729	31	162	0	0
<b>Total Util: 71.4376</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	270	540.0000	11.6756	500	11	0	0
T2	4.0000	142	568.0000	12.2810	250	21	0	0
T3	8.0000	78	624.0000	13.4918	125	41	0	0
T4	16.0000	46	736.0000	15.9135	62	81	0	0
T5	32.0000	30	960.0000	20.7567	31	162	0	0
<b>Total Util: 74.1186</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	272	544.0000	11.7621	500	11	0	0
T2	4.0000	144	576.0000	12.4540	250	21	0	0
T3	8.0000	80	640.0000	13.8378	125	41	0	0
T4	16.0000	48	768.0000	16.6054	62	81	0	0
T5	32.0000	32	1024.0000	22.1405	31	162	0	0
<b>Total Util: 76.7998</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	274	548.0000	11.8486	500	11	0	0
T2	4.0000	146	584.0000	12.6270	250	21	0	0
T3	8.0000	82	656.0000	14.1837	125	41	0	0
T4	16.0000	50	800.0000	17.2972	62	81	0	0
T5	32.0000	34	1088.0000	23.5243	31	162	0	0
<b>Total Util: 79.4808</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	276	552.0000	11.9351	500	11	0	0
T2	4.0000	148	592.0000	12.8000	250	21	0	0
T3	8.0000	84	672.0000	14.5297	125	41	0	0
T4	16.0000	52	832.0000	17.9891	62	81	0	0

T5	32.0000	36	1152.0000	24.9081	31	162	0	0
<b>Total Util: 82.162</b>								

Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	278	556.0000	12.0216	500	11	0	0
T2	4.0000	150	600.0000	12.9729	250	21	0	0
T3	8.0000	86	688.0000	14.8756	125	41	0	0
T4	16.0000	54	864.0000	18.6810	62	81	0	0
T5	32.0000	38	1216.0000	26.2918	31	162	0	0
<b>Total Util: 84.8429</b>								

Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	280	560.0000	12.1081	500	11	0	0
T2	4.0000	152	608.0000	13.1459	250	21	0	0
T3	8.0000	88	704.0000	15.2216	125	41	0	0
T4	16.0000	56	896.0000	19.3729	62	81	0	0
T5	32.0000	40	1280.0000	27.6756	31	162	0	0
<b>Total Util: 87.5241</b>								

Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	282	564.0000	12.1945	500	11	0	0
T2	4.0000	154	616.0000	13.3189	250	21	0	0
T3	8.0000	90	720.0000	15.5675	125	41	0	0
T4	16.0000	58	928.0000	20.0648	62	81	0	0
T5	32.0000	42	1344.0000	29.0594	31	161	0	0
<b>Total Util: 90.2051</b>								

Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	284	568.0000	12.2810	500	11	0	0
T2	4.0000	156	624.0000	13.4918	250	21	0	0
T3	8.0000	92	736.0000	15.9135	125	41	0	0
T4	16.0000	60	960.0000	20.7567	62	81	0	0
T5	32.0000	44	1408.0000	30.4432	31	162	0	0
<b>Total Util: 92.8862</b>								

Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	286	572.0000	12.3675	500	11	0	0
T2	4.0000	158	632.0000	13.6648	250	21	0	0
T3	8.0000	94	752.0000	16.2594	125	41	0	0
T4	16.0000	62	992.0000	21.4486	62	81	0	0
T5	32.0000	46	1472.0000	31.8270	31	162	0	0
<b>Total Util: 95.5673</b>								

Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.0000	288	576.0000	12.4540	500	11	0	0
T2	4.0000	160	640.0000	13.8378	250	21	0	0
T3	8.0000	96	768.0000	16.6054	125	41	0	0
T4	16.0000	64	1024.0000	22.1405	62	81	0	0
T5	32.0000	48	1536.0000	33.2108	31	162	0	0

**Total Util: 98.2485**

Test n:	18		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	290	580.0000	12.5405	500	1	5	5
T2	4.0000	162	648.0000	14.0108	250	21	0	0
T3	8.0000	98	784.0000	16.9513	125	41	0	0
T4	16.0000	66	1056.0000	22.8324	62	81	0	0
T5	32.0000	50	1600.0000	34.5945	31	162	0	0

**Total Util: 100.93**

Board: Flex

OS: Erika

Rawspeed: 4625.0000

Step Size: 11.0702

Test n:	1		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	32.0000	16	512.0000	11.0702	31	163	0	0
			Total Util:	55.351				

Test n:	2		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	32.0000	16	512.0000	11.0702	31	162	0	0
T6	8.0000	64	512.0000	11.0702	125	40	0	0
			Total Util:	66.4212				

Test n:	3		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	32.0000	16	512.0000	11.0702	31	162	0	0
T6	8.0000	64	512.0000	11.0702	125	41	0	0
T7	8.0000	64	512.0000	11.0702	125	40	0	0
			Total Util:	77.4914				

Test n:	4		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	11	0	0
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	32.0000	16	512.0000	11.0702	31	162	0	0
T6	8.0000	64	512.0000	11.0702	125	41	0	0
T7	8.0000	64	512.0000	11.0702	125	41	0	0
T8	8.0000	64	512.0000	11.0702	125	40	0	0

**Total Util: 88.5616**

Test n:	5	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	256	512.0000	11.0702	500	5	3	3
T2	4.0000	128	512.0000	11.0702	250	21	0	0
T3	8.0000	64	512.0000	11.0702	125	41	0	0
T4	16.0000	32	512.0000	11.0702	62	81	0	0
T5	32.0000	16	512.0000	11.0702	31	162	0	0
T6	8.0000	64	512.0000	11.0702	125	41	0	0
T7	8.0000	64	512.0000	11.0702	125	41	0	0
T8	8.0000	64	512.0000	11.0702	125	41	0	0
T9	8.0000	64	512.0000	11.0702	125	40	0	0
			<b>Total Util:</b>	<b>99.6318</b>				

Board: Flex OS: FreeRTOS

Rawspeed: 4635

Step Size: 5.52

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0

Total Util: 55.25

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	48.00	16.00	768.00	16.57	20	250	0	0

Total Util: 60.77

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	64.00	16.00	1024.00	22.09	15	334	0	0

Total Util: 66.29

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	80.00	16.00	1280.00	27.62	12	417	0	0

Total Util: 71.82

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	96.00	16.00	1536.00	33.14	10	500	0	0

Total Util: 77.34

Test n: 6 Status: Running



Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	112.00	16.00	1792.00	38.66	8	625	0	0
Total Util:				82.86				

Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	128.00	16.00	2048.00	44.19	7	714	0	0
Total Util:				88.39				

Status: Terminated

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	0	5	5
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	144.00	16.00	2304.00	49.71	6	833	0	0
Total Util:				93.91				

Board: Flex OS: FreeRTOS

Rawspeed: 4635

Step Size: 5.52

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0

Total Util: 55.25

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.20	256.00	563.20	12.15	454	11	0	0
T2	4.40	128.00	563.20	12.15	227	22	0	0
T3	8.80	64.00	563.20	12.15	113	45	0	0
T4	17.60	32.00	563.20	12.15	56	90	0	0
T5	35.20	16.00	563.20	12.15	28	179	0	0

Total Util: 60.75

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.40	256.00	614.40	13.26	416	12	0	0
T2	4.80	128.00	614.40	13.26	208	24	0	0
T3	9.60	64.00	614.40	13.26	104	48	0	0
T4	19.20	32.00	614.40	13.26	52	96	0	0
T5	38.40	16.00	614.40	13.26	26	193	0	0

Total Util: 66.3

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.60	256.00	665.60	14.36	384	13	0	0
T2	5.20	128.00	665.60	14.36	192	26	0	0
T3	10.40	64.00	665.60	14.36	96	52	0	0
T4	20.80	32.00	665.60	14.36	48	104	0	0
T5	41.60	16.00	665.60	14.36	24	209	0	0

Total Util: 71.8

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.80	256.00	716.80	15.46	357	14	0	0
T2	5.60	128.00	716.80	15.46	178	28	0	0
T3	11.20	64.00	716.80	15.46	89	56	0	0
T4	22.40	32.00	716.80	15.46	44	114	0	0
T5	44.80	16.00	716.80	15.46	22	228	0	0

Total Util: 77.3

Test n: 6 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.00	256.00	768.00	16.57	333	15	0	0
T2	6.00	128.00	768.00	16.57	166	30	0	0
T3	12.00	64.00	768.00	16.57	83	61	0	0
T4	24.00	32.00	768.00	16.57	41	122	0	0
T5	48.00	16.00	768.00	16.57	20	250	0	0
Total Util:				82.85				

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.20	256.00	819.20	17.67	312	16	0	0
T2	6.40	128.00	819.20	17.67	156	32	0	0
T3	12.80	64.00	819.20	17.67	78	64	0	0
T4	25.60	32.00	819.20	17.67	39	128	0	0
T5	51.20	16.00	819.20	17.67	19	263	0	0
Total Util:				88.35				

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.40	256.00	870.40	18.78	294	17	0	0
T2	6.80	128.00	870.40	18.78	147	34	0	0
T3	13.60	64.00	870.40	18.78	73	69	0	0
T4	27.20	32.00	870.40	18.78	36	139	0	0
T5	54.40	16.00	870.40	18.78	18	278	0	0
Total Util:				93.9				

Test n:	9		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.60	256.00	921.60	19.88	277	0	9	9
T2	7.20	128.00	921.60	19.88	138	36	0	0
T3	14.40	64.00	921.60	19.88	69	73	0	0
T4	28.80	32.00	921.60	19.88	34	147	0	0
T5	57.60	16.00	921.60	19.88	17	294	0	0
Total Util:				99.4				

Board: Flex OS: FreeRTOS

Rawspeed: 4635

Step Size: 2.68

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0

Total Util: 55.25

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	258.00	516.00	11.13	500	10	0	0
T2	4.00	130.00	520.00	11.22	250	20	0	0
T3	8.00	66.00	528.00	11.39	125	40	0	0
T4	16.00	34.00	544.00	11.74	62	81	0	0
T5	32.00	18.00	576.00	12.43	31	162	0	0

Total Util: 57.91

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	260.00	520.00	11.22	500	10	0	0
T2	4.00	132.00	528.00	11.39	250	20	0	0
T3	8.00	68.00	544.00	11.74	125	40	0	0
T4	16.00	36.00	576.00	12.43	62	81	0	0
T5	32.00	20.00	640.00	13.81	31	162	0	0

Total Util: 60.59

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	262.00	524.00	11.31	500	10	0	0
T2	4.00	134.00	536.00	11.56	250	20	0	0
T3	8.00	70.00	560.00	12.08	125	40	0	0
T4	16.00	38.00	608.00	13.12	62	81	0	0
T5	32.00	22.00	704.00	15.19	31	162	0	0

Total Util: 63.26

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	264.00	528.00	11.39	500	10	0	0
T2	4.00	136.00	544.00	11.74	250	20	0	0
T3	8.00	72.00	576.00	12.43	125	40	0	0
T4	16.00	40.00	640.00	13.81	62	81	0	0
T5	32.00	24.00	768.00	16.57	31	162	0	0

Total Util: 65.94

Test n: 6 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	266.00	532.00	11.48	500	10	0	0
T2	4.00	138.00	552.00	11.91	250	20	0	0
T3	8.00	74.00	592.00	12.77	125	40	0	0
T4	16.00	42.00	672.00	14.50	62	81	0	0
T5	32.00	26.00	832.00	17.95	31	162	0	0
<b>Total Util: 68.61</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	268.00	536.00	11.56	500	10	0	0
T2	4.00	140.00	560.00	12.08	250	20	0	0
T3	8.00	76.00	608.00	13.12	125	40	0	0
T4	16.00	44.00	704.00	15.19	62	81	0	0
T5	32.00	28.00	896.00	19.33	31	162	0	0
<b>Total Util: 71.28</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	270.00	540.00	11.65	500	10	0	0
T2	4.00	142.00	568.00	12.25	250	20	0	0
T3	8.00	78.00	624.00	13.46	125	40	0	0
T4	16.00	46.00	736.00	15.88	62	81	0	0
T5	32.00	30.00	960.00	20.71	31	162	0	0
<b>Total Util: 73.95</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	272.00	544.00	11.74	500	10	0	0
T2	4.00	144.00	576.00	12.43	250	20	0	0
T3	8.00	80.00	640.00	13.81	125	40	0	0
T4	16.00	48.00	768.00	16.57	62	81	0	0
T5	32.00	32.00	1024.00	22.09	31	162	0	0
<b>Total Util: 76.64</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	274.00	548.00	11.82	500	10	0	0
T2	4.00	146.00	584.00	12.60	250	20	0	0
T3	8.00	82.00	656.00	14.15	125	40	0	0
T4	16.00	50.00	800.00	17.26	62	81	0	0
T5	32.00	34.00	1088.00	23.47	31	162	0	0
<b>Total Util: 79.3</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	276.00	552.00	11.91	500	10	0	0
T2	4.00	148.00	592.00	12.77	250	20	0	0
T3	8.00	84.00	672.00	14.50	125	40	0	0
T4	16.00	52.00	832.00	17.95	62	81	0	0

T5	32.00	36.00	1152.00	24.85	31	162	0	0
<b>Total Util: 81.98</b>								
Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	278.00	556.00	12.00	500	10	0	0
T2	4.00	150.00	600.00	12.94	250	20	0	0
T3	8.00	86.00	688.00	14.84	125	40	0	0
T4	16.00	54.00	864.00	18.64	62	81	0	0
T5	32.00	38.00	1216.00	26.24	31	162	0	0
<b>Total Util: 84.66</b>								
Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	280.00	560.00	12.08	500	10	0	0
T2	4.00	152.00	608.00	13.12	250	20	0	0
T3	8.00	88.00	704.00	15.19	125	40	0	0
T4	16.00	56.00	896.00	19.33	62	81	0	0
T5	32.00	40.00	1280.00	27.62	31	162	0	0
<b>Total Util: 87.34</b>								
Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	282.00	564.00	12.17	500	10	0	0
T2	4.00	154.00	616.00	13.29	250	20	0	0
T3	8.00	90.00	720.00	15.53	125	40	0	0
T4	16.00	58.00	928.00	20.02	62	81	0	0
T5	32.00	42.00	1344.00	29.00	31	161	0	0
<b>Total Util: 90.01</b>								
Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	284.00	568.00	12.25	500	10	0	0
T2	4.00	156.00	624.00	13.46	250	20	0	0
T3	8.00	92.00	736.00	15.88	125	40	0	0
T4	16.00	60.00	960.00	20.71	62	81	0	0
T5	32.00	44.00	1408.00	30.38	31	161	0	0
<b>Total Util: 92.68</b>								
Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	286.00	572.00	12.34	500	10	0	0
T2	4.00	158.00	632.00	13.64	250	20	0	0
T3	8.00	94.00	752.00	16.22	125	40	0	0
T4	16.00	62.00	992.00	21.40	62	81	0	0
T5	32.00	46.00	1472.00	31.76	31	161	0	0
<b>Total Util: 95.36</b>								
Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.00	288.00	576.00	12.43	500	10	0	0
T2	4.00	160.00	640.00	13.81	250	20	0	0
T3	8.00	96.00	768.00	16.57	125	40	0	0
T4	16.00	64.00	1024.00	22.09	62	81	0	0
T5	32.00	48.00	1536.00	33.14	31	161	0	0

**Total Util: 98.04**

Test n:	18		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	290.00	580.00	12.51	500	0	5	5
T2	4.00	162.00	648.00	13.98	250	20	0	0
T3	8.00	98.00	784.00	16.91	125	40	0	0
T4	16.00	66.00	1056.00	22.78	62	81	0	0
T5	32.00	50.00	1600.00	34.52	31	161	0	0

**Total Util: 100.7**

Board: Flex OS: FreeRTOS

Rawspeed: 4635

Step Size: 11.05

Test n:	1		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
			Total Util:	55.25				

Test n:	2		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
T6	8.00	64.00	512.00	11.05	125	40	0	0
			Total Util:	66.3				

Test n:	3		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
T6	8.00	64.00	512.00	11.05	125	40	0	0
T7	8.00	64.00	512.00	11.05	125	40	0	0
			Total Util:	77.35				

Test n:	4		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	10	0	0
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
T6	8.00	64.00	512.00	11.05	125	40	0	0
T7	8.00	64.00	512.00	11.05	125	40	0	0
T8	8.00	64.00	512.00	11.05	125	40	0	0



**Total Util: 88.4**

Test n:	5		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	256.00	512.00	11.05	500	4	3	3
T2	4.00	128.00	512.00	11.05	250	20	0	0
T3	8.00	64.00	512.00	11.05	125	40	0	0
T4	16.00	32.00	512.00	11.05	62	81	0	0
T5	32.00	16.00	512.00	11.05	31	162	0	0
T6	8.00	64.00	512.00	11.05	125	40	0	0
T7	8.00	64.00	512.00	11.05	125	40	0	0
T8	8.00	64.00	512.00	11.05	125	40	0	0
T9	8.00	64.00	512.00	11.05	125	40	0	0
<b>Total Util:</b>				<b>99.45</b>				

Board: STM32F4

OS: Erika

Rawspeed: 26520.0000

Step Size: 3.8612

Test n: 1                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	10	0	0
T2	4.0000	512	2048.0000	7.7224	250	20	0	0
T3	8.0000	256	2048.0000	7.7224	125	40	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0

**Total Util: 38.612**

Test n: 2                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	48.0000	64	3072.0000	11.5837	20	250	0	0

**Total Util: 42.4733**

Test n: 3                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	64.0000	64	4096.0000	15.4449	15	335	0	0

**Total Util: 46.3345**

Test n: 4                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	80.0000	64	5120.0000	19.3061	12	417	0	0

**Total Util: 50.1957**

Test n: 5                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	96.0000	64	6144.0000	23.1674	10	500	0	0

**Total Util: 54.057**

Test n: 6                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	112.0000	64	7168.0000	27.0286	8	626	0	0
<b>Total Util: 57.9182</b>								

Test n:	7			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	128.0000	64	8192.0000	30.8898	7	715	0	0
<b>Total Util: 61.7794</b>								

Test n:	8			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	144.0000	64	9216.0000	34.7511	6	834	0	0
<b>Total Util: 65.6407</b>								

Test n:	9			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	160.0000	64	10240.0000	38.6123	6	834	0	0
<b>Total Util: 69.5019</b>								

Test n:	10			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	176.0000	64	11264.0000	42.4736	5	1001	0	0
<b>Total Util: 73.3632</b>								

Test n:	11			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0

T5	192.0000	64	12288.0000	46.3348	5	1001	0	0
<b>Total Util: 77.2244</b>								

Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	208.0000	64	13312.0000	50.1960	4	1251	0	0
<b>Total Util: 81.0856</b>								

Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	224.0000	64	14336.0000	54.0573	4	1251	0	0
<b>Total Util: 84.9469</b>								

Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	240.0000	64	15360.0000	57.9185	4	1251	0	0
<b>Total Util: 88.8081</b>								

Test n:	15		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	1	2	8
T2	4.0000	512	2048.0000	7.7224	250	1	10	10
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	256.0000	64	16384.0000	61.7797	3	1667	0	0
<b>Total Util: 92.6693</b>								

**OS:** Erika

**Step Size: 3.8612**

Test n:	1		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	163	0	0
Total Util:				38.612				

Test n:	2		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.2000	1024	2252.8000	8.4947	454	12	0	0
T2	4.4000	512	2252.8000	8.4947	227	23	0	0
T3	8.8000	256	2252.8000	8.4947	113	46	0	0
T4	17.6000	128	2252.8000	8.4947	56	90	0	0
T5	35.2000	64	2252.8000	8.4947	28	179	0	0
Total Util:				42.4735				

Test n:	3		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.4000	1024	2457.6000	9.2669	416	13	0	0
T2	4.8000	512	2457.6000	9.2669	208	25	0	0
T3	9.6000	256	2457.6000	9.2669	104	48	0	0
T4	19.2000	128	2457.6000	9.2669	52	97	0	0
T5	38.4000	64	2457.6000	9.2669	26	193	0	0
Total Util:				46.3345				

Test n:	4		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.5999	1024	2662.3999	10.0392	384	14	0	0
T2	5.1999	512	2662.3999	10.0392	192	27	0	0
T3	10.3999	256	2662.3999	10.0392	96	53	0	0
T4	20.7999	128	2662.3999	10.0392	48	105	0	0
T5	41.5999	64	2662.3999	10.0392	24	209	0	0
Total Util:				50.196				

Test n:	5		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.7999	1024	2867.1999	10.8114	357	15	0	0
T2	5.5999	512	2867.1999	10.8114	178	29	0	0
T3	11.1999	256	2867.1999	10.8114	89	58	0	0
T4	22.3999	128	2867.1999	10.8114	44	114	0	0
T5	44.7999	64	2867.1999	10.8114	22	228	0	0
Total Util:				54.057				

Test n: 6                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.0000	1024	3072.0000	11.5837	333	16	0	0
T2	6.0000	512	3072.0000	11.5837	166	31	0	0
T3	12.0000	256	3072.0000	11.5837	83	61	0	0
T4	24.0000	128	3072.0000	11.5837	41	122	0	0
T5	48.0000	64	3072.0000	11.5837	20	250	0	0
<b>Total Util: 57.9185</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.2000	1024	3276.8000	12.3559	312	17	0	0
T2	6.4000	512	3276.8000	12.3559	156	33	0	0
T3	12.8000	256	3276.8000	12.3559	78	64	0	0
T4	25.6000	128	3276.8000	12.3559	39	129	0	0
T5	51.2000	64	3276.8000	12.3559	19	265	0	0
<b>Total Util: 61.7795</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.4000	1024	3481.6000	13.1282	294	18	0	0
T2	6.8000	512	3481.6000	13.1282	147	35	0	0
T3	13.6000	256	3481.6000	13.1282	73	70	0	0
T4	27.2000	128	3481.6000	13.1282	36	139	0	0
T5	54.4000	64	3481.6000	13.1282	18	278	0	0
<b>Total Util: 65.641</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.5999	1024	3686.3999	13.9004	277	19	0	0
T2	7.1999	512	3686.3999	13.9004	138	37	0	0
T3	14.3999	256	3686.3999	13.9004	69	73	0	0
T4	28.7999	128	3686.3999	13.9004	34	147	0	0
T5	57.5999	64	3686.3999	13.9004	17	294	0	0
<b>Total Util: 69.502</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.7999	1024	3891.1999	14.6726	263	20	0	0
T2	7.5999	512	3891.1999	14.6726	131	39	0	0
T3	15.1999	256	3891.1999	14.6726	65	77	0	0
T4	30.3999	128	3891.1999	14.6726	32	158	0	0
T5	60.7999	64	3891.1999	14.6726	16	314	0	0
<b>Total Util: 73.363</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.0000	1024	4096.0000	15.4449	250	21	0	0
T2	8.0000	512	4096.0000	15.4449	125	41	0	0
T3	16.0000	256	4096.0000	15.4449	62	81	0	0
T4	32.0000	128	4096.0000	15.4449	31	162	0	0

T5	64.0000	64	4096.0000	15.4449	15	334	0	0
<b>Total Util: 77.2245</b>								

Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.1999	1024	4300.7998	16.2171	238	22	0	0
T2	8.3999	512	4300.7998	16.2171	119	43	0	0
T3	16.7999	256	4300.7998	16.2171	59	85	0	0
T4	33.5999	128	4300.7998	16.2171	29	173	0	0
T5	67.1999	64	4300.7998	16.2171	14	357	0	0
<b>Total Util: 81.0855</b>								

Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.4000	1024	4505.6000	16.9894	227	23	0	0
T2	8.8000	512	4505.6000	16.9894	113	45	0	0
T3	17.6000	256	4505.6000	16.9894	56	89	0	0
T4	35.2000	128	4505.6000	16.9894	28	179	0	0
T5	70.4000	64	4505.6000	16.9894	14	358	0	0
<b>Total Util: 84.947</b>								

Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.5999	1024	4710.3999	17.7616	217	24	0	0
T2	9.1999	512	4710.3999	17.7616	108	47	0	0
T3	18.3999	256	4710.3999	17.7616	54	94	0	0
T4	36.7999	128	4710.3999	17.7616	27	186	0	0
T5	73.5999	64	4710.3999	17.7616	13	386	0	0
<b>Total Util: 88.808</b>								

Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.8000	1024	4915.2001	18.5339	208	25	0	0
T2	9.6000	512	4915.2001	18.5339	104	49	0	0
T3	19.2000	256	4915.2001	18.5339	52	96	0	0
T4	38.4000	128	4915.2001	18.5339	26	193	0	0
T5	76.8000	64	4915.2001	18.5339	13	385	0	0
<b>Total Util: 92.6695</b>								

Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.0000	1024	5120.0000	19.3061	200	26	0	0
T2	10.0000	512	5120.0000	19.3061	100	51	0	0
T3	20.0000	256	5120.0000	19.3061	50	101	0	0
T4	40.0000	128	5120.0000	19.3061	25	200	0	0
T5	80.0000	64	5120.0000	19.3061	12	417	0	0
<b>Total Util: 96.5305</b>								

Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	5.1999	1024	5324.7998	20.0784	192	27	0	0
T2	10.3999	512	5324.7998	20.0784	96	53	0	0
T3	20.7999	256	5324.7998	20.0784	48	105	0	0
T4	41.5999	128	5324.7998	20.0784	24	210	0	0
T5	83.1999	64	5324.7998	20.0784	12	417	0	0

**Total Util: 100.392**

Test n:	18		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.4000	1024	5529.6000	20.8506	185	1	13	14
T2	10.8000	512	5529.6000	20.8506	92	55	0	0
T3	21.6000	256	5529.6000	20.8506	46	110	0	0
T4	43.2000	128	5529.6000	20.8506	23	218	0	0
T5	86.4000	64	5529.6000	20.8506	11	455	0	0

**Total Util: 104.253**



**Board: STM32F4**

**OS: Erika**

**Rawspeed: 26520.0000**

**Step Size: 1.8702**

Test n: 1                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	40	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0

**Total Util: 38.612**

Test n: 2                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1032	2064.0000	7.7828	500	11	0	0
T2	4.0000	520	2080.0000	7.8431	250	21	0	0
T3	8.0000	264	2112.0000	7.9638	125	41	0	0
T4	16.0000	136	2176.0000	8.2051	62	81	0	0
T5	32.0000	72	2304.0000	8.6877	31	162	0	0

**Total Util: 40.4825**

Test n: 3                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1040	2080.0000	7.8431	500	11	0	0
T2	4.0000	528	2112.0000	7.9638	250	21	0	0
T3	8.0000	272	2176.0000	8.2051	125	41	0	0
T4	16.0000	144	2304.0000	8.6877	62	81	0	0
T5	32.0000	80	2560.0000	9.6530	31	162	0	0

**Total Util: 42.3527**

Test n: 4                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1048	2096.0000	7.9034	500	11	0	0
T2	4.0000	536	2144.0000	8.0844	250	21	0	0
T3	8.0000	280	2240.0000	8.4464	125	41	0	0
T4	16.0000	152	2432.0000	9.1704	62	81	0	0
T5	32.0000	88	2816.0000	10.6184	31	162	0	0

**Total Util: 44.223**

Test n: 5                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1056	2112.0000	7.9638	500	11	0	0
T2	4.0000	544	2176.0000	8.2051	250	21	0	0
T3	8.0000	288	2304.0000	8.6877	125	41	0	0
T4	16.0000	160	2560.0000	9.6530	62	81	0	0
T5	32.0000	96	3072.0000	11.5837	31	162	0	0

**Total Util: 46.0933**

Test n: 6                      Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1064	2128.0000	8.0241	500	11	0	0
T2	4.0000	552	2208.0000	8.3257	250	21	0	0
T3	8.0000	296	2368.0000	8.9291	125	41	0	0
T4	16.0000	168	2688.0000	10.1357	62	81	0	0
T5	32.0000	104	3328.0000	12.5490	31	162	0	0
<b>Total Util: 47.9636</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1072	2144.0000	8.0844	500	11	0	0
T2	4.0000	560	2240.0000	8.4464	250	21	0	0
T3	8.0000	304	2432.0000	9.1704	125	41	0	0
T4	16.0000	176	2816.0000	10.6184	62	81	0	0
T5	32.0000	112	3584.0000	13.5143	31	162	0	0
<b>Total Util: 49.8339</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1080	2160.0000	8.1447	500	11	0	0
T2	4.0000	568	2272.0000	8.5671	250	21	0	0
T3	8.0000	312	2496.0000	9.4117	125	41	0	0
T4	16.0000	184	2944.0000	11.1010	62	81	0	0
T5	32.0000	120	3840.0000	14.4796	31	162	0	0
<b>Total Util: 51.7041</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1088	2176.0000	8.2051	500	11	0	0
T2	4.0000	576	2304.0000	8.6877	250	21	0	0
T3	8.0000	320	2560.0000	9.6530	125	41	0	0
T4	16.0000	192	3072.0000	11.5837	62	81	0	0
T5	32.0000	128	4096.0000	15.4449	31	162	0	0
<b>Total Util: 53.5744</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1096	2192.0000	8.2654	500	11	0	0
T2	4.0000	584	2336.0000	8.8084	250	21	0	0
T3	8.0000	328	2624.0000	9.8944	125	41	0	0
T4	16.0000	200	3200.0000	12.0663	62	81	0	0
T5	32.0000	136	4352.0000	16.4102	31	162	0	0
<b>Total Util: 55.4447</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1104	2208.0000	8.3257	500	11	0	0
T2	4.0000	592	2368.0000	8.9291	250	21	0	0
T3	8.0000	336	2688.0000	10.1357	125	41	0	0
T4	16.0000	208	3328.0000	12.5490	62	81	0	0

T5	32.0000	144	4608.0000	17.3755	31	162	0	0
<b>Total Util: 57.315</b>								

Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1112	2224.0000	8.3861	500	11	0	0
T2	4.0000	600	2400.0000	9.0497	250	21	0	0
T3	8.0000	344	2752.0000	10.3770	125	41	0	0
T4	16.0000	216	3456.0000	13.0316	62	81	0	0
T5	32.0000	152	4864.0000	18.3408	31	162	0	0
<b>Total Util: 59.1852</b>								

Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1120	2240.0000	8.4464	500	11	0	0
T2	4.0000	608	2432.0000	9.1704	250	21	0	0
T3	8.0000	352	2816.0000	10.6184	125	41	0	0
T4	16.0000	224	3584.0000	13.5143	62	81	0	0
T5	32.0000	160	5120.0000	19.3061	31	162	0	0
<b>Total Util: 61.0556</b>								

Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1128	2256.0000	8.5067	500	11	0	0
T2	4.0000	616	2464.0000	9.2911	250	21	0	0
T3	8.0000	360	2880.0000	10.8597	125	41	0	0
T4	16.0000	232	3712.0000	13.9969	62	81	0	0
T5	32.0000	168	5376.0000	20.2714	31	162	0	0
<b>Total Util: 62.9258</b>								

Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1136	2272.0000	8.5671	500	11	0	0
T2	4.0000	624	2496.0000	9.4117	250	21	0	0
T3	8.0000	368	2944.0000	11.1010	125	41	0	0
T4	16.0000	240	3840.0000	14.4796	62	81	0	0
T5	32.0000	176	5632.0000	21.2368	31	162	0	0
<b>Total Util: 64.7962</b>								

Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1144	2288.0000	8.6274	500	11	0	0
T2	4.0000	632	2528.0000	9.5324	250	21	0	0
T3	8.0000	376	3008.0000	11.3423	125	41	0	0
T4	16.0000	248	3968.0000	14.9622	62	81	0	0
T5	32.0000	184	5888.0000	22.2021	31	162	0	0
<b>Total Util: 66.6664</b>								

Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.0000	1152	2304.0000	8.6877	500	11	0	0
T2	4.0000	640	2560.0000	9.6530	250	21	0	0
T3	8.0000	384	3072.0000	11.5837	125	41	0	0
T4	16.0000	256	4096.0000	15.4449	62	81	0	0
T5	32.0000	192	6144.0000	23.1674	31	162	0	0

**Total Util: 68.5367**

Test n:	18		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1160	2320.0000	8.7481	500	11	0	0
T2	4.0000	648	2592.0000	9.7737	250	21	0	0
T3	8.0000	392	3136.0000	11.8250	125	41	0	0
T4	16.0000	264	4224.0000	15.9276	62	81	0	0
T5	32.0000	200	6400.0000	24.1327	31	162	0	0

**Total Util: 70.4071**

Test n:	19		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1168	2336.0000	8.8084	500	11	0	0
T2	4.0000	656	2624.0000	9.8944	250	21	0	0
T3	8.0000	400	3200.0000	12.0663	125	41	0	0
T4	16.0000	272	4352.0000	16.4102	62	81	0	0
T5	32.0000	208	6656.0000	25.0980	31	162	0	0

**Total Util: 72.2773**

Test n:	20		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1176	2352.0000	8.8687	500	11	0	0
T2	4.0000	664	2656.0000	10.0150	250	21	0	0
T3	8.0000	408	3264.0000	12.3076	125	41	0	0
T4	16.0000	280	4480.0000	16.8929	62	81	0	0
T5	32.0000	216	6912.0000	26.0633	31	162	0	0

**Total Util: 74.1475**

Test n:	21		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1184	2368.0000	8.9291	500	11	0	0
T2	4.0000	672	2688.0000	10.1357	250	21	0	0
T3	8.0000	416	3328.0000	12.5490	125	41	0	0
T4	16.0000	288	4608.0000	17.3755	62	81	0	0
T5	32.0000	224	7168.0000	27.0286	31	162	0	0

**Total Util: 76.0179**

Test n:	22		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1192	2384.0000	8.9894	500	11	0	0
T2	4.0000	680	2720.0000	10.2564	250	21	0	0
T3	8.0000	424	3392.0000	12.7903	125	41	0	0
T4	16.0000	296	4736.0000	17.8582	62	81	0	0
T5	32.0000	232	7424.0000	27.9939	31	162	0	0

**Total Util: 77.8882**

Test n:	23		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1200	2400.0000	9.0497	500	11	0	0
T2	4.0000	688	2752.0000	10.3770	250	21	0	0
T3	8.0000	432	3456.0000	13.0316	125	41	0	0
T4	16.0000	304	4864.0000	18.3408	62	81	0	0
T5	32.0000	240	7680.0000	28.9592	31	162	0	0

**Total Util: 79.7583**

Test n:	24		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1208	2416.0000	9.1101	500	11	0	0
T2	4.0000	696	2784.0000	10.4977	250	21	0	0
T3	8.0000	440	3520.0000	13.2730	125	41	0	0
T4	16.0000	312	4992.0000	18.8235	62	81	0	0
T5	32.0000	248	7936.0000	29.9245	31	161	0	0

**Total Util: 81.6288**

Test n:	25		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1216	2432.0000	9.1704	500	11	0	0
T2	4.0000	704	2816.0000	10.6184	250	21	0	0
T3	8.0000	448	3584.0000	13.5143	125	41	0	0
T4	16.0000	320	5120.0000	19.3061	62	81	0	0
T5	32.0000	256	8192.0000	30.8898	31	162	0	0

**Total Util: 83.499**

Test n:	26		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1224	2448.0000	9.2307	500	11	0	0
T2	4.0000	712	2848.0000	10.7390	250	21	0	0
T3	8.0000	456	3648.0000	13.7556	125	41	0	0
T4	16.0000	328	5248.0000	19.7888	62	81	0	0
T5	32.0000	264	8448.0000	31.8552	31	162	0	0

**Total Util: 85.3693**

Test n:	27		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1232	2464.0000	9.2911	500	11	0	0
T2	4.0000	720	2880.0000	10.8597	250	21	0	0
T3	8.0000	464	3712.0000	13.9969	125	41	0	0
T4	16.0000	336	5376.0000	20.2714	62	81	0	0
T5	32.0000	272	8704.0000	32.8205	31	162	0	0

**Total Util: 87.2396**

Test n:	28		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1240	2480.0000	9.3514	500	11	0	0

T2	4.0000	728	2912.0000	10.9803	250	21	0	0
T3	8.0000	472	3776.0000	14.2383	125	41	0	0
T4	16.0000	344	5504.0000	20.7541	62	81	0	0
T5	32.0000	280	8960.0000	33.7858	31	162	0	0

**Total Util: 89.1099**

Test n:	29		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1248	2496.0000	9.4117	500	11	0	0
T2	4.0000	736	2944.0000	11.1010	250	21	0	0
T3	8.0000	480	3840.0000	14.4796	125	41	0	0
T4	16.0000	352	5632.0000	21.2368	62	81	0	0
T5	32.0000	288	9216.0000	34.7511	31	162	0	0

**Total Util: 90.9802**

Test n:	30		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1256	2512.0000	9.4720	500	11	0	0
T2	4.0000	744	2976.0000	11.2217	250	21	0	0
T3	8.0000	488	3904.0000	14.7209	125	41	0	0
T4	16.0000	360	5760.0000	21.7194	62	81	0	0
T5	32.0000	296	9472.0000	35.7164	31	162	0	0

**Total Util: 92.8504**

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1264	2528.0000	9.5324	500	11	0	0
T2	4.0000	752	3008.0000	11.3423	250	21	0	0
T3	8.0000	496	3968.0000	14.9622	125	41	0	0
T4	16.0000	368	5888.0000	22.2021	62	81	0	0
T5	32.0000	304	9728.0000	36.6817	31	162	0	0

**Total Util: 94.7207**

Test n:	32		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1272	2544.0000	9.5927	500	11	0	0
T2	4.0000	760	3040.0000	11.4630	250	21	0	0
T3	8.0000	504	4032.0000	15.2036	125	41	0	0
T4	16.0000	376	6016.0000	22.6847	62	81	0	0
T5	32.0000	312	9984.0000	37.6470	31	162	0	0

**Total Util: 96.591**

Test n:	33		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1280	2560.0000	9.6530	500	11	0	0
T2	4.0000	768	3072.0000	11.5837	250	21	0	0
T3	8.0000	512	4096.0000	15.4449	125	41	0	0
T4	16.0000	384	6144.0000	23.1674	62	81	0	0
T5	32.0000	320	10240.0000	38.6123	31	162	0	0

**Total Util: 98.4613**

Test n:	34	Status:	Running					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1288	2576.0000	9.7134	500	11	0	0
T2	4.0000	776	3104.0000	11.7043	250	21	0	0
T3	8.0000	520	4160.0000	15.6862	125	41	0	0
T4	16.0000	392	6272.0000	23.6500	62	81	0	0
T5	32.0000	328	10496.0000	39.5776	31	162	0	0
			<b>Total Util: 100.331</b>					

Test n:	35	Status:	Terminated					
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1296	2592.0000	9.7737	500	1	5	5
T2	4.0000	784	3136.0000	11.8250	250	21	0	0
T3	8.0000	528	4224.0000	15.9276	125	41	0	0
T4	16.0000	400	6400.0000	24.1327	62	81	0	0
T5	32.0000	336	10752.0000	40.5429	31	162	0	0
			<b>Total Util: 102.202</b>					

Board: STM32F4

OS: Erika

Rawspeed: 26520.0000

Step Size: 7.7224

Test n:	1		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	163	0	0
			Total Util:	38.612				

Test n:	2		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	40	0	0
			Total Util:	46.3344				

Test n:	3		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	41	0	0
T7	8.0000	256	2048.0000	7.7224	125	40	0	0
			Total Util:	54.0568				

Test n:	4		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	41	0	0
T7	8.0000	256	2048.0000	7.7224	125	41	0	0
T8	8.0000	256	2048.0000	7.7224	125	40	0	0



**Total Util: 61.7792**

Test n:	5		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	41	0	0
T7	8.0000	256	2048.0000	7.7224	125	41	0	0
T8	8.0000	256	2048.0000	7.7224	125	41	0	0
T9	8.0000	256	2048.0000	7.7224	125	40	0	0
<b>Total Util: 69.5016</b>								

Test n:	6		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	41	0	0
T7	8.0000	256	2048.0000	7.7224	125	41	0	0
T8	8.0000	256	2048.0000	7.7224	125	41	0	0
T9	8.0000	256	2048.0000	7.7224	125	41	0	0
T10	8.0000	256	2048.0000	7.7224	125	40	0	0
<b>Total Util: 77.224</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0

T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	41	0	0
T7	8.0000	256	2048.0000	7.7224	125	41	0	0
T8	8.0000	256	2048.0000	7.7224	125	41	0	0
T9	8.0000	256	2048.0000	7.7224	125	41	0	0
T10	8.0000	256	2048.0000	7.7224	125	41	0	0
T11	8.0000	256	2048.0000	7.7224	125	40	0	0

**Total Util: 84.9464**

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	41	0	0
T7	8.0000	256	2048.0000	7.7224	125	41	0	0
T8	8.0000	256	2048.0000	7.7224	125	41	0	0
T9	8.0000	256	2048.0000	7.7224	125	41	0	0
T10	8.0000	256	2048.0000	7.7224	125	41	0	0
T11	8.0000	256	2048.0000	7.7224	125	41	0	0
T12	8.0000	256	2048.0000	7.7224	125	40	0	0

**Total Util: 92.6688**

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.0000	1024	2048.0000	7.7224	500	11	0	0
T2	4.0000	512	2048.0000	7.7224	250	21	0	0
T3	8.0000	256	2048.0000	7.7224	125	41	0	0
T4	16.0000	128	2048.0000	7.7224	62	81	0	0
T5	32.0000	64	2048.0000	7.7224	31	162	0	0
T6	8.0000	256	2048.0000	7.7224	125	41	0	0
T7	8.0000	256	2048.0000	7.7224	125	41	0	0
T8	8.0000	256	2048.0000	7.7224	125	41	0	0



Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 3.96

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0

Total Util: 39.6

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	48.00	64.00	3072.00	11.88	20	250	0	0

Total Util: 43.56

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	64.00	64.00	4096.00	15.85	15	334	0	0

Total Util: 47.53

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	80.00	64.00	5120.00	19.81	12	417	0	0

Total Util: 51.49

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	96.00	64.00	6144.00	23.77	10	500	0	0

Total Util: 55.45

Test n: 6 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	112.00	64.00	7168.00	27.73	8	625	0	0
<b>Total Util: 59.41</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	128.00	64.00	8192.00	31.69	7	714	0	0
<b>Total Util: 63.37</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	144.00	64.00	9216.00	35.65	6	833	0	0
<b>Total Util: 67.33</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	160.00	64.00	10240.00	39.61	6	833	0	0
<b>Total Util: 71.29</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	176.00	64.00	11264.00	43.57	5	1000	0	0
<b>Total Util: 75.25</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0

T5	192.00	64.00	12288.00	47.54	5	1000	0	0
<b>Total Util: 79.22</b>								

Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	208.00	64.00	13312.00	51.50	4	1250	0	0
<b>Total Util: 83.18</b>								

Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	224.00	64.00	14336.00	55.46	4	1250	0	0
<b>Total Util: 87.14</b>								

Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	240.00	64.00	15360.00	59.42	4	1250	0	0
<b>Total Util: 91.1</b>								

Test n:	15		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	0	1	9
T2	4.00	512.00	2048.00	7.92	250	0	4	16
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	256.00	64.00	16384.00	63.38	3	1666	0	0
<b>Total Util: 95.06</b>								

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 3.96

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0

Total Util: 39.6

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.20	1024.00	2252.80	8.71	454	11	0	0
T2	4.40	512.00	2252.80	8.71	227	22	0	0
T3	8.80	256.00	2252.80	8.71	113	45	0	0
T4	17.60	128.00	2252.80	8.71	56	90	0	0
T5	35.20	64.00	2252.80	8.71	28	179	0	0

Total Util: 43.55

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.40	1024.00	2457.60	9.51	416	12	0	0
T2	4.80	512.00	2457.60	9.51	208	24	0	0
T3	9.60	256.00	2457.60	9.51	104	48	0	0
T4	19.20	128.00	2457.60	9.51	52	97	0	0
T5	38.40	64.00	2457.60	9.51	26	193	0	0

Total Util: 47.55

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.60	1024.00	2662.40	10.30	384	13	0	0
T2	5.20	512.00	2662.40	10.30	192	26	0	0
T3	10.40	256.00	2662.40	10.30	96	52	0	0
T4	20.80	128.00	2662.40	10.30	48	105	0	0
T5	41.60	64.00	2662.40	10.30	24	209	0	0

Total Util: 51.5

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.80	1024.00	2867.20	11.09	357	14	0	0
T2	5.60	512.00	2867.20	11.09	178	28	0	0
T3	11.20	256.00	2867.20	11.09	89	57	0	0
T4	22.40	128.00	2867.20	11.09	44	114	0	0
T5	44.80	64.00	2867.20	11.09	22	228	0	0

Total Util: 55.45

Test n: 6 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.00	1024.00	3072.00	11.88	333	15	0	0
T2	6.00	512.00	3072.00	11.88	166	30	0	0
T3	12.00	256.00	3072.00	11.88	83	61	0	0
T4	24.00	128.00	3072.00	11.88	41	122	0	0
T5	48.00	64.00	3072.00	11.88	20	250	0	0
<b>Total Util: 59.4</b>								

Test n:	7			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.20	1024.00	3276.80	12.68	312	16	0	0
T2	6.40	512.00	3276.80	12.68	156	32	0	0
T3	12.80	256.00	3276.80	12.68	78	64	0	0
T4	25.60	128.00	3276.80	12.68	39	129	0	0
T5	51.20	64.00	3276.80	12.68	19	264	0	0
<b>Total Util: 63.4</b>								

Test n:	8			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.40	1024.00	3481.60	13.47	294	17	0	0
T2	6.80	512.00	3481.60	13.47	147	34	0	0
T3	13.60	256.00	3481.60	13.47	73	69	0	0
T4	27.20	128.00	3481.60	13.47	36	139	0	0
T5	54.40	64.00	3481.60	13.47	18	278	0	0
<b>Total Util: 67.35</b>								

Test n:	9			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.60	1024.00	3686.40	14.26	277	18	0	0
T2	7.20	512.00	3686.40	14.26	138	36	0	0
T3	14.40	256.00	3686.40	14.26	69	73	0	0
T4	28.80	128.00	3686.40	14.26	34	147	0	0
T5	57.60	64.00	3686.40	14.26	17	294	0	0
<b>Total Util: 71.3</b>								

Test n:	10			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	3.80	1024.00	3891.20	15.05	263	19	0	0
T2	7.60	512.00	3891.20	15.05	131	38	0	0
T3	15.20	256.00	3891.20	15.05	65	77	0	0
T4	30.40	128.00	3891.20	15.05	32	157	0	0
T5	60.80	64.00	3891.20	15.05	16	313	0	0
<b>Total Util: 75.25</b>								

Test n:	11			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.00	1024.00	4096.00	15.85	250	20	0	0
T2	8.00	512.00	4096.00	15.85	125	40	0	0
T3	16.00	256.00	4096.00	15.85	62	81	0	0
T4	32.00	128.00	4096.00	15.85	31	162	0	0



T5	64.00	64.00	4096.00	15.85	15	334	0	0
<b>Total Util: 79.25</b>								
Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.20	1024.00	4300.80	16.64	238	21	0	0
T2	8.40	512.00	4300.80	16.64	119	42	0	0
T3	16.80	256.00	4300.80	16.64	59	85	0	0
T4	33.60	128.00	4300.80	16.64	29	173	0	0
T5	67.20	64.00	4300.80	16.64	14	357	0	0
<b>Total Util: 83.2</b>								
Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.40	1024.00	4505.60	17.43	227	22	0	0
T2	8.80	512.00	4505.60	17.43	113	44	0	0
T3	17.60	256.00	4505.60	17.43	56	89	0	0
T4	35.20	128.00	4505.60	17.43	28	179	0	0
T5	70.40	64.00	4505.60	17.43	14	357	0	0
<b>Total Util: 87.15</b>								
Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.60	1024.00	4710.40	18.22	217	23	0	0
T2	9.20	512.00	4710.40	18.22	108	46	0	0
T3	18.40	256.00	4710.40	18.22	54	93	0	0
T4	36.80	128.00	4710.40	18.22	27	186	0	0
T5	73.60	64.00	4710.40	18.22	13	385	0	0
<b>Total Util: 91.1</b>								
Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	4.80	1024.00	4915.20	19.01	208	24	0	0
T2	9.60	512.00	4915.20	19.01	104	48	0	0
T3	19.20	256.00	4915.20	19.01	52	96	0	0
T4	38.40	128.00	4915.20	19.01	26	193	0	0
T5	76.80	64.00	4915.20	19.01	13	385	0	0
<b>Total Util: 95.05</b>								
Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	5.00	1024.00	5120.00	19.81	200	25	0	0
T2	10.00	512.00	5120.00	19.81	100	50	0	0
T3	20.00	256.00	5120.00	19.81	50	100	0	0
T4	40.00	128.00	5120.00	19.81	25	200	0	0
T5	80.00	64.00	5120.00	19.81	12	417	0	0
<b>Total Util: 99.05</b>								
Test n:	17		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	5.20	1024.00	5324.80	20.60	192	0	13	13
T2	10.40	512.00	5324.80	20.60	96	52	0	0
T3	20.80	256.00	5324.80	20.60	48	104	0	0
T4	41.60	128.00	5324.80	20.60	24	209	0	0
T5	83.20	64.00	5324.80	20.60	12	417	0	0
Total Util: 103								

Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 1.92

Test n: 1 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0

Total Util: 39.6

Test n: 2 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1032.00	2064.00	7.98	500	10	0	0
T2	4.00	520.00	2080.00	8.05	250	20	0	0
T3	8.00	264.00	2112.00	8.17	125	40	0	0
T4	16.00	136.00	2176.00	8.42	62	81	0	0
T5	32.00	72.00	2304.00	8.91	31	162	0	0

Total Util: 41.53

Test n: 3 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1040.00	2080.00	8.05	500	10	0	0
T2	4.00	528.00	2112.00	8.17	250	20	0	0
T3	8.00	272.00	2176.00	8.42	125	40	0	0
T4	16.00	144.00	2304.00	8.91	62	81	0	0
T5	32.00	80.00	2560.00	9.90	31	162	0	0

Total Util: 43.45

Test n: 4 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1048.00	2096.00	8.11	500	10	0	0
T2	4.00	536.00	2144.00	8.29	250	20	0	0
T3	8.00	280.00	2240.00	8.67	125	40	0	0
T4	16.00	152.00	2432.00	9.41	62	81	0	0
T5	32.00	88.00	2816.00	10.89	31	162	0	0

Total Util: 45.37

Test n: 5 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1056.00	2112.00	8.17	500	10	0	0
T2	4.00	544.00	2176.00	8.42	250	20	0	0
T3	8.00	288.00	2304.00	8.91	125	40	0	0
T4	16.00	160.00	2560.00	9.90	62	81	0	0
T5	32.00	96.00	3072.00	11.88	31	162	0	0

Total Util: 47.28

Test n: 6 Status: Running

Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1064.00	2128.00	8.23	500	10	0	0
T2	4.00	552.00	2208.00	8.54	250	20	0	0
T3	8.00	296.00	2368.00	9.16	125	40	0	0
T4	16.00	168.00	2688.00	10.40	62	81	0	0
T5	32.00	104.00	3328.00	12.87	31	162	0	0
<b>Total Util: 49.2</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1072.00	2144.00	8.29	500	10	0	0
T2	4.00	560.00	2240.00	8.67	250	20	0	0
T3	8.00	304.00	2432.00	9.41	125	40	0	0
T4	16.00	176.00	2816.00	10.89	62	81	0	0
T5	32.00	112.00	3584.00	13.86	31	162	0	0
<b>Total Util: 51.12</b>								

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1080.00	2160.00	8.36	500	10	0	0
T2	4.00	568.00	2272.00	8.79	250	20	0	0
T3	8.00	312.00	2496.00	9.66	125	40	0	0
T4	16.00	184.00	2944.00	11.39	62	81	0	0
T5	32.00	120.00	3840.00	14.85	31	162	0	0
<b>Total Util: 53.05</b>								

Test n:	9		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1088.00	2176.00	8.42	500	10	0	0
T2	4.00	576.00	2304.00	8.91	250	20	0	0
T3	8.00	320.00	2560.00	9.90	125	40	0	0
T4	16.00	192.00	3072.00	11.88	62	81	0	0
T5	32.00	128.00	4096.00	15.85	31	162	0	0
<b>Total Util: 54.96</b>								

Test n:	10		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1096.00	2192.00	8.48	500	10	0	0
T2	4.00	584.00	2336.00	9.04	250	20	0	0
T3	8.00	328.00	2624.00	10.15	125	40	0	0
T4	16.00	200.00	3200.00	12.38	62	81	0	0
T5	32.00	136.00	4352.00	16.84	31	162	0	0
<b>Total Util: 56.89</b>								

Test n:	11		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1104.00	2208.00	8.54	500	10	0	0
T2	4.00	592.00	2368.00	9.16	250	20	0	0
T3	8.00	336.00	2688.00	10.40	125	40	0	0
T4	16.00	208.00	3328.00	12.87	62	81	0	0

T5	32.00	144.00	4608.00	17.83	31	162	0	0
<b>Total Util: 58.8</b>								
Test n:	12		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1112.00	2224.00	8.60	500	10	0	0
T2	4.00	600.00	2400.00	9.28	250	20	0	0
T3	8.00	344.00	2752.00	10.65	125	40	0	0
T4	16.00	216.00	3456.00	13.37	62	81	0	0
T5	32.00	152.00	4864.00	18.82	31	162	0	0
<b>Total Util: 60.72</b>								
Test n:	13		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1120.00	2240.00	8.67	500	10	0	0
T2	4.00	608.00	2432.00	9.41	250	20	0	0
T3	8.00	352.00	2816.00	10.89	125	40	0	0
T4	16.00	224.00	3584.00	13.86	62	81	0	0
T5	32.00	160.00	5120.00	19.81	31	162	0	0
<b>Total Util: 62.64</b>								
Test n:	14		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1128.00	2256.00	8.73	500	10	0	0
T2	4.00	616.00	2464.00	9.53	250	20	0	0
T3	8.00	360.00	2880.00	11.14	125	40	0	0
T4	16.00	232.00	3712.00	14.36	62	81	0	0
T5	32.00	168.00	5376.00	20.80	31	162	0	0
<b>Total Util: 64.56</b>								
Test n:	15		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1136.00	2272.00	8.79	500	10	0	0
T2	4.00	624.00	2496.00	9.66	250	20	0	0
T3	8.00	368.00	2944.00	11.39	125	40	0	0
T4	16.00	240.00	3840.00	14.85	62	81	0	0
T5	32.00	176.00	5632.00	21.79	31	162	0	0
<b>Total Util: 66.48</b>								
Test n:	16		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1144.00	2288.00	8.85	500	10	0	0
T2	4.00	632.00	2528.00	9.78	250	20	0	0
T3	8.00	376.00	3008.00	11.64	125	40	0	0
T4	16.00	248.00	3968.00	15.35	62	81	0	0
T5	32.00	184.00	5888.00	22.78	31	162	0	0
<b>Total Util: 68.4</b>								
Test n:	17		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip

T1	2.00	1152.00	2304.00	8.91	500	10	0	0
T2	4.00	640.00	2560.00	9.90	250	20	0	0
T3	8.00	384.00	3072.00	11.88	125	40	0	0
T4	16.00	256.00	4096.00	15.85	62	81	0	0
T5	32.00	192.00	6144.00	23.77	31	162	0	0
<b>Total Util: 70.31</b>								

Test n:	18			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1160.00	2320.00	8.97	500	10	0	0
T2	4.00	648.00	2592.00	10.03	250	20	0	0
T3	8.00	392.00	3136.00	12.13	125	40	0	0
T4	16.00	264.00	4224.00	16.34	62	81	0	0
T5	32.00	200.00	6400.00	24.76	31	162	0	0
<b>Total Util: 72.23</b>								

Test n:	19			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1168.00	2336.00	9.04	500	10	0	0
T2	4.00	656.00	2624.00	10.15	250	20	0	0
T3	8.00	400.00	3200.00	12.38	125	40	0	0
T4	16.00	272.00	4352.00	16.84	62	81	0	0
T5	32.00	208.00	6656.00	25.75	31	162	0	0
<b>Total Util: 74.16</b>								

Test n:	20			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1176.00	2352.00	9.10	500	10	0	0
T2	4.00	664.00	2656.00	10.27	250	20	0	0
T3	8.00	408.00	3264.00	12.63	125	40	0	0
T4	16.00	280.00	4480.00	17.33	62	81	0	0
T5	32.00	216.00	6912.00	26.74	31	162	0	0
<b>Total Util: 76.07</b>								

Test n:	21			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1184.00	2368.00	9.16	500	10	0	0
T2	4.00	672.00	2688.00	10.40	250	20	0	0
T3	8.00	416.00	3328.00	12.87	125	40	0	0
T4	16.00	288.00	4608.00	17.83	62	81	0	0
T5	32.00	224.00	7168.00	27.73	31	162	0	0
<b>Total Util: 77.99</b>								

Test n:	22			Status:	Running			
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1192.00	2384.00	9.22	500	10	0	0
T2	4.00	680.00	2720.00	10.52	250	20	0	0
T3	8.00	424.00	3392.00	13.12	125	40	0	0
T4	16.00	296.00	4736.00	18.32	62	81	0	0
T5	32.00	232.00	7424.00	28.72	31	162	0	0

**Total Util: 79.9**

Test n:	23		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1200.00	2400.00	9.28	500	10	0	0
T2	4.00	688.00	2752.00	10.65	250	20	0	0
T3	8.00	432.00	3456.00	13.37	125	40	0	0
T4	16.00	304.00	4864.00	18.82	62	81	0	0
T5	32.00	240.00	7680.00	29.71	31	161	0	0

**Total Util: 81.83**

Test n:	24		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1208.00	2416.00	9.35	500	10	0	0
T2	4.00	696.00	2784.00	10.77	250	20	0	0
T3	8.00	440.00	3520.00	13.62	125	40	0	0
T4	16.00	312.00	4992.00	19.31	62	81	0	0
T5	32.00	248.00	7936.00	30.70	31	161	0	0

**Total Util: 83.75**

Test n:	25		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1216.00	2432.00	9.41	500	10	0	0
T2	4.00	704.00	2816.00	10.89	250	20	0	0
T3	8.00	448.00	3584.00	13.86	125	40	0	0
T4	16.00	320.00	5120.00	19.81	62	81	0	0
T5	32.00	256.00	8192.00	31.69	31	161	0	0

**Total Util: 85.66**

Test n:	26		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1224.00	2448.00	9.47	500	10	0	0
T2	4.00	712.00	2848.00	11.02	250	20	0	0
T3	8.00	456.00	3648.00	14.11	125	40	0	0
T4	16.00	328.00	5248.00	20.30	62	81	0	0
T5	32.00	264.00	8448.00	32.68	31	161	0	0

**Total Util: 87.58**

Test n:	27		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1232.00	2464.00	9.53	500	10	0	0
T2	4.00	720.00	2880.00	11.14	250	20	0	0
T3	8.00	464.00	3712.00	14.36	125	40	0	0
T4	16.00	336.00	5376.00	20.80	62	81	0	0
T5	32.00	272.00	8704.00	33.67	31	161	0	0

**Total Util: 89.5**

Test n:	28		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1240.00	2480.00	9.59	500	10	0	0

T2	4.00	728.00	2912.00	11.26	250	20	0	0
T3	8.00	472.00	3776.00	14.61	125	40	0	0
T4	16.00	344.00	5504.00	21.29	62	81	0	0
T5	32.00	280.00	8960.00	34.66	31	161	0	0

**Total Util: 91.41**

Test n:	29		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1248.00	2496.00	9.66	500	10	0	0
T2	4.00	736.00	2944.00	11.39	250	20	0	0
T3	8.00	480.00	3840.00	14.85	125	40	0	0
T4	16.00	352.00	5632.00	21.79	62	81	0	0
T5	32.00	288.00	9216.00	35.65	31	161	0	0

**Total Util: 93.34**

Test n:	30		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1256.00	2512.00	9.72	500	10	0	0
T2	4.00	744.00	2976.00	11.51	250	20	0	0
T3	8.00	488.00	3904.00	15.10	125	40	0	0
T4	16.00	360.00	5760.00	22.28	62	81	0	0
T5	32.00	296.00	9472.00	36.64	31	161	0	0

**Total Util: 95.25**

Test n:	31		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1264.00	2528.00	9.78	500	10	0	0
T2	4.00	752.00	3008.00	11.64	250	20	0	0
T3	8.00	496.00	3968.00	15.35	125	40	0	0
T4	16.00	368.00	5888.00	22.78	62	81	0	0
T5	32.00	304.00	9728.00	37.63	31	161	0	0

**Total Util: 97.18**

Test n:	32		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1272.00	2544.00	9.84	500	10	0	0
T2	4.00	760.00	3040.00	11.76	250	20	0	0
T3	8.00	504.00	4032.00	15.60	125	40	0	0
T4	16.00	376.00	6016.00	23.27	62	81	0	0
T5	32.00	312.00	9984.00	38.62	31	161	0	0

**Total Util: 99.09**

Test n:	33		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1280.00	2560.00	9.90	500	0	5	5
T2	4.00	768.00	3072.00	11.88	250	20	0	0
T3	8.00	512.00	4096.00	15.85	125	40	0	0
T4	16.00	384.00	6144.00	23.77	62	81	0	0
T5	32.00	320.00	10240.00	39.61	31	161	0	0

**Total Util: 101.01**



Board: STM32F4 OS: FreeRTOS

Rawspeed: 25850 Step Size: 7.92

Test n:	1		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
Total Util:				39.6				

Test n:	2		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
Total Util:				47.52				

Test n:	3		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
T7	8.00	256.00	2048.00	7.92	125	40	0	0
Total Util:				55.44				

Test n:	4		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
T7	8.00	256.00	2048.00	7.92	125	40	0	0
T8	8.00	256.00	2048.00	7.92	125	40	0	0

**Total Util: 63.36**

Test n:	5		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
T7	8.00	256.00	2048.00	7.92	125	40	0	0
T8	8.00	256.00	2048.00	7.92	125	40	0	0
T9	8.00	256.00	2048.00	7.92	125	40	0	0
<b>Total Util: 71.28</b>								

Test n:	6		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
T7	8.00	256.00	2048.00	7.92	125	40	0	0
T8	8.00	256.00	2048.00	7.92	125	40	0	0
T9	8.00	256.00	2048.00	7.92	125	40	0	0
T10	8.00	256.00	2048.00	7.92	125	40	0	0
<b>Total Util: 79.2</b>								

Test n:	7		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0

T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
T7	8.00	256.00	2048.00	7.92	125	40	0	0
T8	8.00	256.00	2048.00	7.92	125	40	0	0
T9	8.00	256.00	2048.00	7.92	125	40	0	0
T10	8.00	256.00	2048.00	7.92	125	40	0	0
T11	8.00	256.00	2048.00	7.92	125	40	0	0

**Total Util: 87.12**

Test n:	8		Status:	Running				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	10	0	0
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
T7	8.00	256.00	2048.00	7.92	125	40	0	0
T8	8.00	256.00	2048.00	7.92	125	40	0	0
T9	8.00	256.00	2048.00	7.92	125	40	0	0
T10	8.00	256.00	2048.00	7.92	125	40	0	0
T11	8.00	256.00	2048.00	7.92	125	40	0	0
T12	8.00	256.00	2048.00	7.92	125	40	0	0

**Total Util: 95.04**

Test n:	9		Status:	Terminated				
Task	Frequency	KWPP	KWIPS	Utilization	Period	Met	Miss	Skip
T1	2.00	1024.00	2048.00	7.92	500	0	5	5
T2	4.00	512.00	2048.00	7.92	250	20	0	0
T3	8.00	256.00	2048.00	7.92	125	40	0	0
T4	16.00	128.00	2048.00	7.92	62	81	0	0
T5	32.00	64.00	2048.00	7.92	31	162	0	0
T6	8.00	256.00	2048.00	7.92	125	40	0	0
T7	8.00	256.00	2048.00	7.92	125	40	0	0
T8	8.00	256.00	2048.00	7.92	125	40	0	0

T9	8.00	256.00	2048.00	7.92	125	40	0	0
T10	8.00	256.00	2048.00	7.92	125	40	0	0
T11	8.00	256.00	2048.00	7.92	125	40	0	0
T12	8.00	256.00	2048.00	7.92	125	40	0	0
T13	8.00	256.00	2048.00	7.92	125	40	0	0
Total Util: 102.96								