

Assignment 1

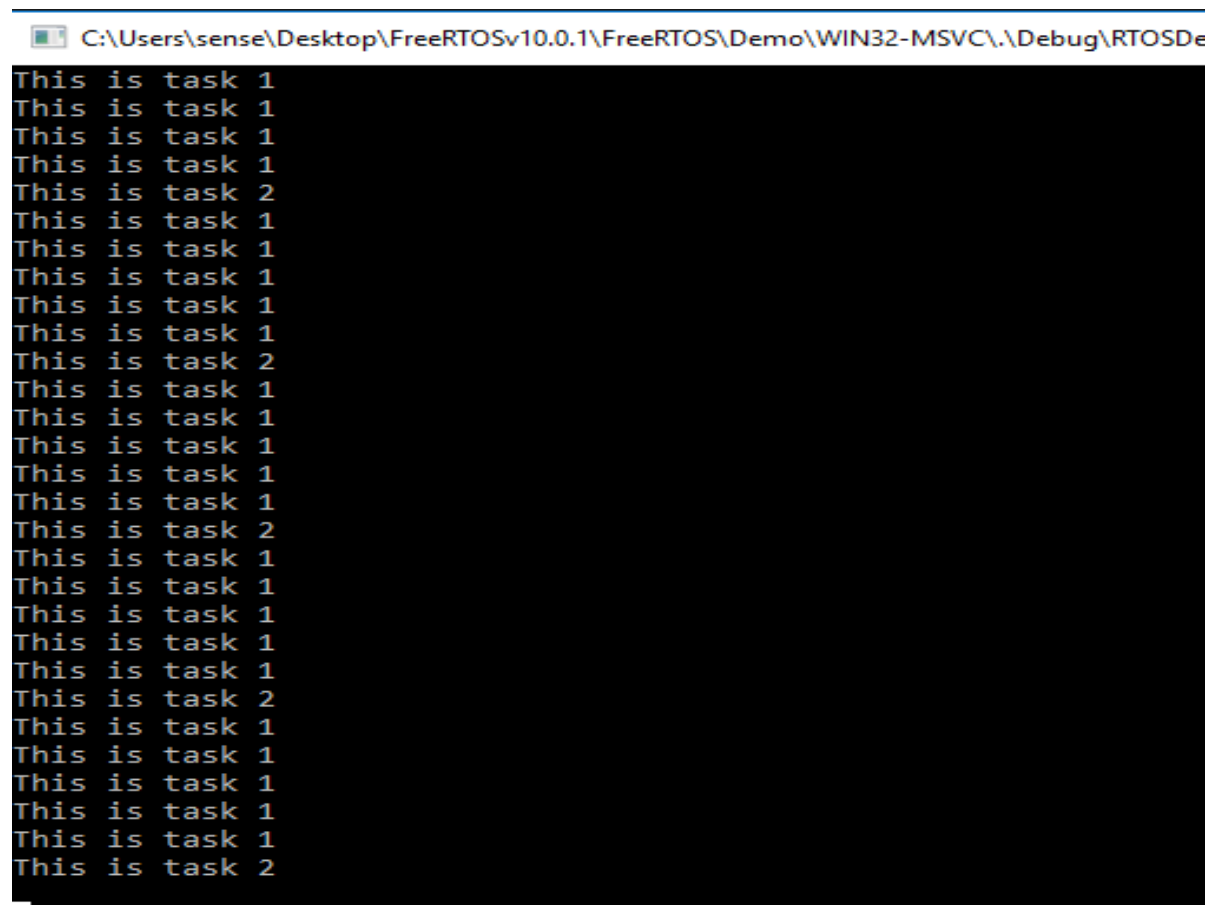
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What I did?

I created two different functions *Task1* and *Task2* for two tasks outside *main* function. Then inside *main* function, I created a task handler *HT* using *xTaskHandle* API and 2 tasks using *xTaskCreate* API with given parameters.

Result



```
C:\Users\sense\Desktop\FreeRTOSv10.0.1\FreeRTOS\Demo\WIN32-MSVC\.\Debug\RTOSDe
This is task 1
This is task 1
This is task 1
This is task 1
This is task 2
This is task 1
This is task 1
This is task 1
This is task 1
This is task 1
This is task 2
This is task 1
This is task 1
This is task 1
This is task 1
This is task 1
This is task 2
This is task 1
This is task 1
This is task 1
This is task 1
This is task 1
This is task 2
This is task 1
This is task 1
This is task 1
This is task 1
This is task 1
This is task 2
```

Fig 1. Screenshot of execution

What I learned?

In this exercise, I learned how to create a task and execute in real time. Actually this was not a new thing for me because I had done similar course in my Bachelors degree but it is refreshing my knowledge though.