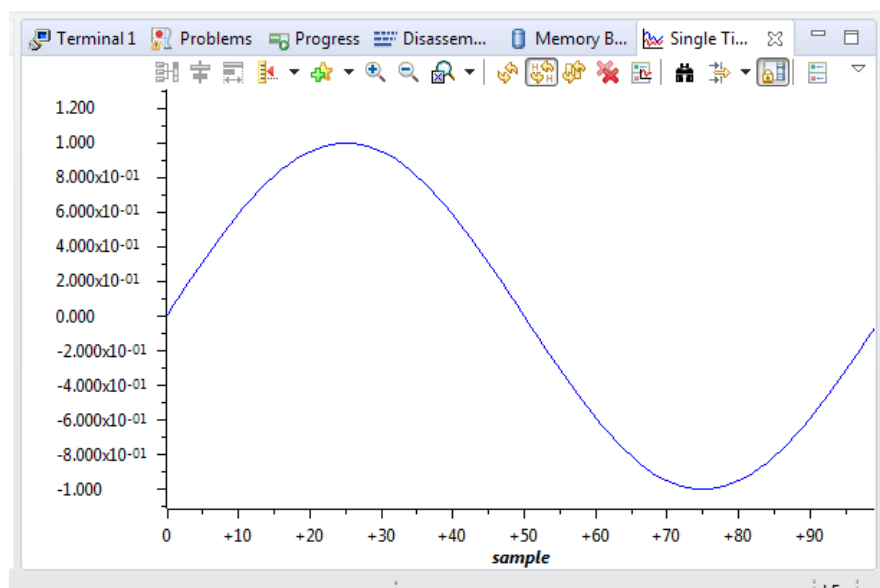
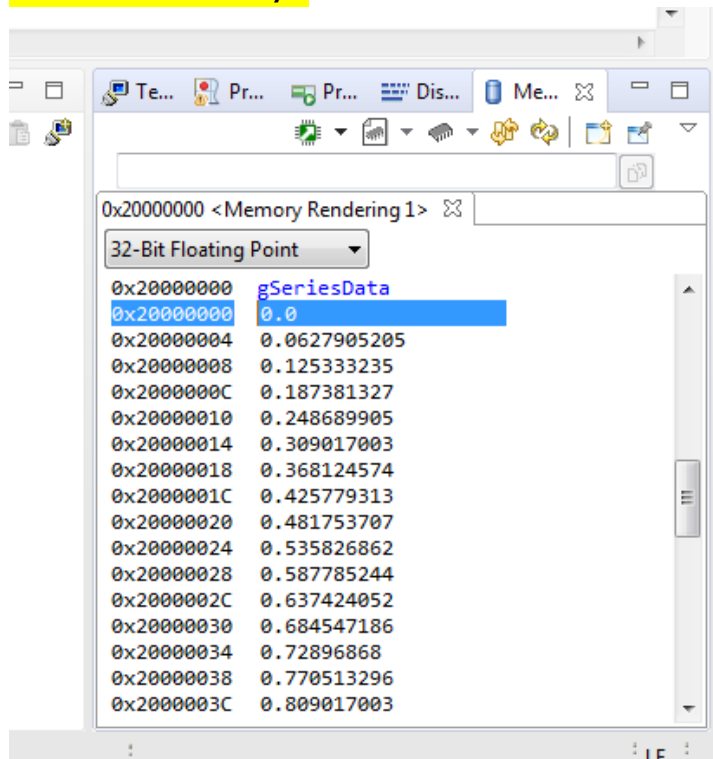


Lab09**Task 1**

Youtube link : N/A

Modified code:N/A

**Grading scheme:** 30% Coding, 30% Documentation, 40% Execution/Video.

Task 2**Modified code:**

```

int main(void)
{
    float fRadians;

    FPUazyStackingEnable();
    FPUEnable();

    SysCtlClockSet(SYSCTL_SYSDIV_4 | SYSCTL_USE_PLL | SYSCTL_XTAL_16MHZ |
SYSCTL_OSC_MAIN);

    fRadians = ((2 * M_PI*0.02) / SERIES_LENGTH);

    while(i32DataCount < SERIES_LENGTH)
    {
        gSeriesData[i32DataCount] = sinf(fRadians * i32DataCount*50)+ (cosf(fRadians
* i32DataCount * 200.0)*0.5);

        i32DataCount++;
    }

    while(1)
    {
    }
}

```

