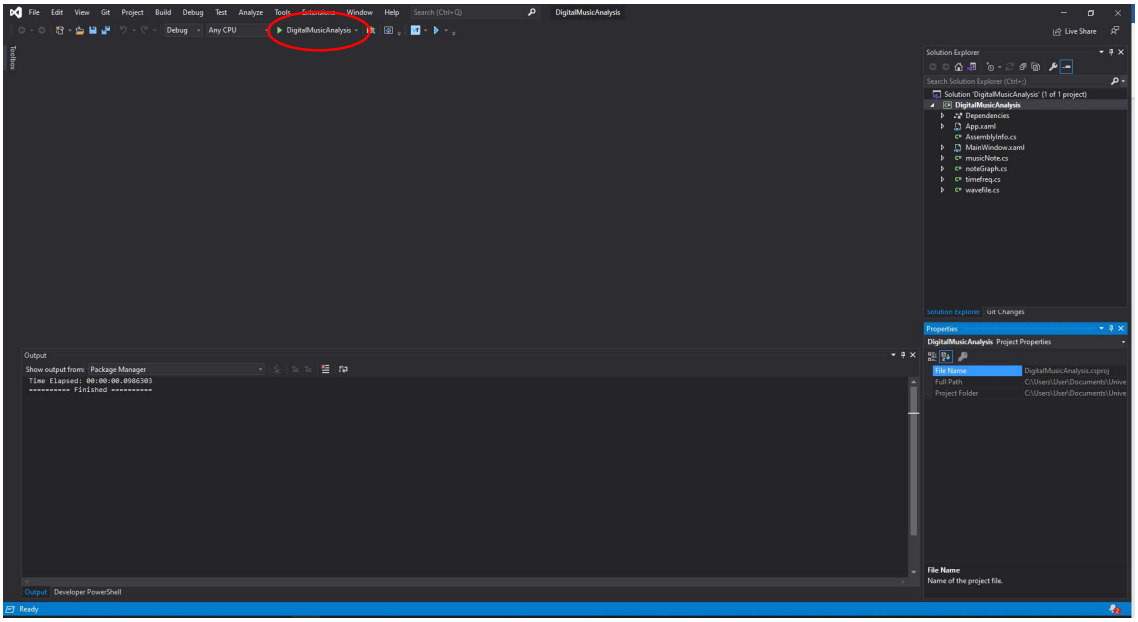
Compiling/Running Instructions

1. Open the “DigitalMusicAnalysis.sln” visual studio file inside either the “Parallelized Code” or “Original Sequential Code” folder depending on which you want to run
2. Select the run button in the top of visual studio code (outlined in red in the image below)



3. Navigate to the directory which had the parallel and sequential folders in it and open the “music” folder, from there select and open the “Jupiter.wav” file and then when prompted open the “Jupiter.xml” file next.
4. The program should now be running, the process is identical for both the Sequential and Parallel Programs.

Hardware Requirements

For this program to run at maximum efficiency, the computer running this program needs to have a processor capable of running 4 threads/cores at once.

Realistic Input Data Sets

The best dataset to test on this code is the Jupiter.wav and Jupiter.xml files provided, however any .wav audio files can be used provided it has the corresponding data in a .xml file.