How many bytes of code space does your program require?
Code Size? 51 bytes.
I found this by removing the preconditions (with them it would be 56 bytes) and building the project. Then I checked the build window for the byte size as seen in Fig 1.5.1:

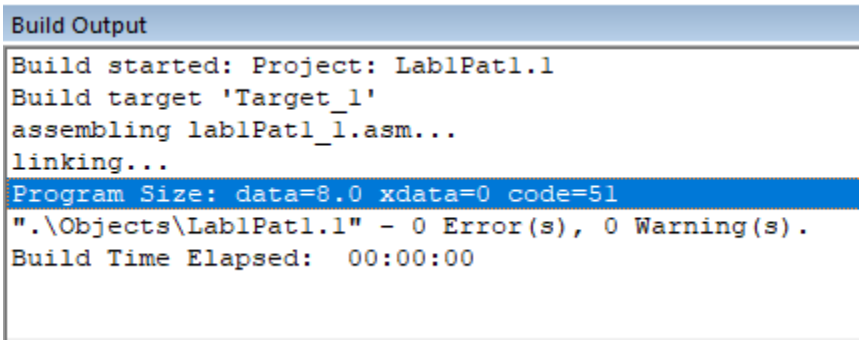

Fig 1.5.1: Build file output (without preconditions)

How long did your program take to execute for X=0x33 and Y=0x07? Assume an 11.0592 MHz clock and include the instructions executed from the beginning until you reach the ENDLOOP label.
Execution Time? 17.6323784722 us
Calculations can be seen in Fig 1.5.2

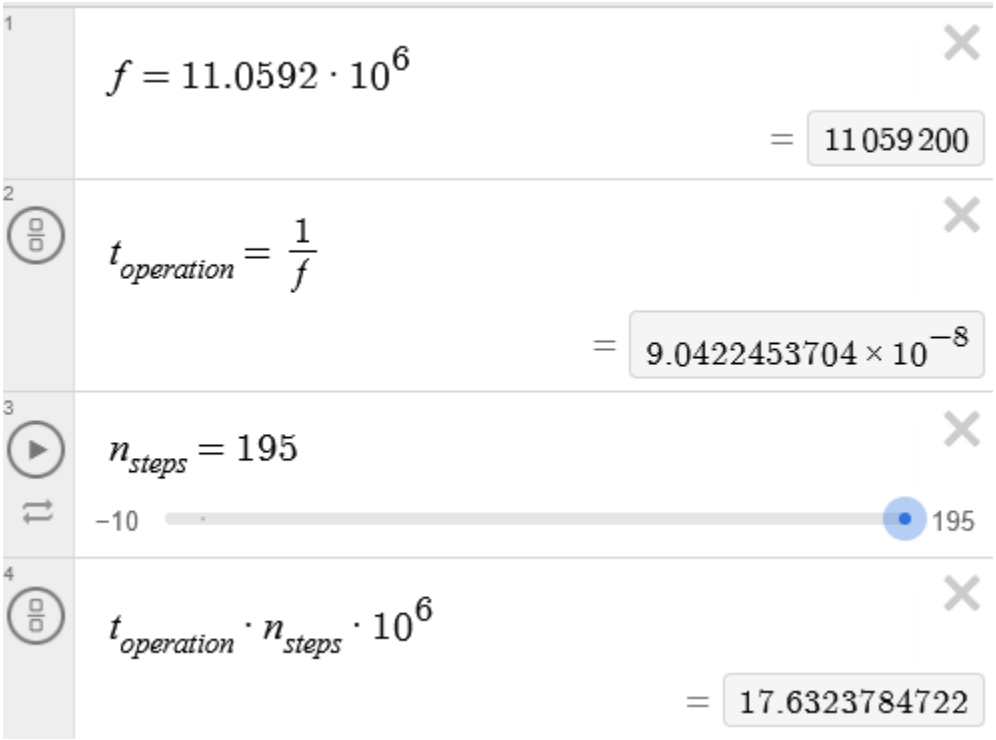

Fig 1.5.2: Detailed Calculation
The way n_{steps} was found was by running the code with a breakpoint at ENDLOOP and checking the machine states after reaching said loop, which was 195, as seen in Fig 1.5.3
wrong, each machine step is 12 oscillations

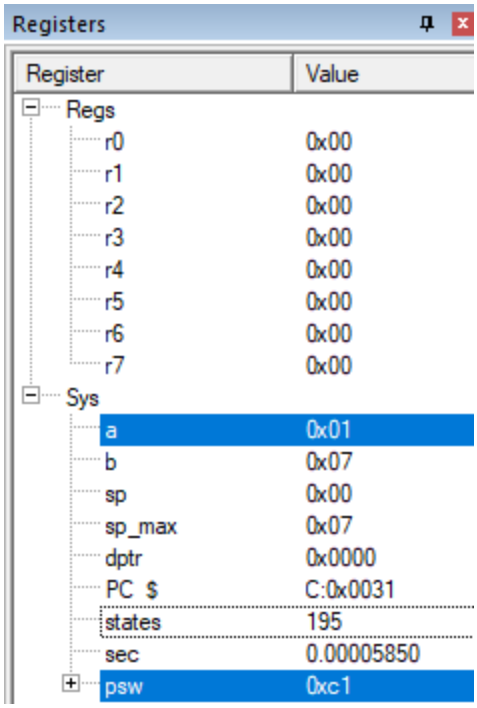

Fig 1.5.3: Register display after running code to ENDLOOP