

# Weekly Status Report

Date of submission : 14-02-2014

Mode of Preparation : Single

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Week Summary	<p>Minibloq is programmed using C++ and CodeBlocks IDE. Learning C++ programming.</p> <p>Installed Code Blocks IDE. Wrote a simple C++ application using Code Blocks IDE.</p> <p>Ported Blink program written in Minibloq to Arduino Uno.</p> <p>Adding a component block to an existing hardware in Minibloq can be done by configuring xmls.</p> <p>Added a simple block to Arduio Uno board.</p> <p>Adding a new hardware to Minibloq requires compilation. Minibloq uses “WxWidgets” for developing UI components. Installed WxWidgets. Compiled WxWidgets using command -</p> <pre>mingw32-make -f makefile.gcc BUILD=release SHARED=1 MONOLITHIC=1 UNICODE=1</pre> <p>Installed mingw32 for compiling WxWidgets.</p>
Time Spent (hrs)	5
Plan for next week	Programming using wxWidgets.
Estimated total remaining time	70
Status	On Track
Problems faced	Compilation failed first time due to an error in commctrl.h.
Solution	<p>Changed the below in 2217 in commctrl.h from #define TV_DISPINFO __AW(NMTVDISPINFO) to #define TV_DISPINFO NMTVDISPINFO.</p> <p>After this WxWidgets compiled successfully.</p>