Guidelines for submissoin

Many of you might be facing error while uploading .c file on portal. Code might work on Proteus and Firebird V but not while uploading:

Following are few guidelines that might be helpful. For respective error, make sure the following things are incorporated:

1. Logical error:

- Appropriate registers are used
- Appropriate register names are used (use macros given in the skeleton code.
- Do not use direct register names and pin numbers)
- MASKING is mandatory
- Functions should be generic (for e.g., For Experiment-2: Make sure that the functions turn_on_bar_graph_led () and turn_off_bar_graph_led () are written in such a way that it will work for any led_pin and not specific to any particular led_pin such as 2, 6, 8.)

2. Error in .c file:

- Compilation error: Program should be built successfully with Masking used
- Functions name might be changed: Do not alter the function names specified in the skeleton code

3. Error in file:

- Do not access any memory location which is not defined (such as defined an array of 8 i.e 0 to 7 and accessing 9th element of it)

You might now not realize the importance of few things (such as use of Masking, defining functions that are generic etc). But this will definitely be helpful further for writing codes not particularly in embedded C but considering all languages.

Above same have been posted on Piazza post: @12