Tasks after lecture 2

Tasks:

1) Use macros to create a program such that when you pass a string to the compiler using -D argument, it will print the given string.

   Expected Output:

   Here "**STR**" is a macro that is defined inside the code. So, we give it a value using -DSTR="some_text", now the program should use this macro to print it using printf.

   This will require significant understanding of preprocessors, it's okay if you cannot do this.

   NOTE: Those who can solve this question before 12 October Monday, 13.00 PM will be given a prize. Tie breaker will be using submission time on google classroom and correctness of code.

2) Create a makefile to download and compile the following C project.
   https://github.com/SRA-VJTI/embedded-systems-study-group/blob/master/assets/week2/code2.zip
   The Makefile should download the following zip file, unzip its contents and compile its contents to an executable.

   Makefile is expected to have the following rules:
   1) download
   2) unzip
   3) compile
   4) clean

   Default rule will have these three rules as prereq.

   Hint: Use wget and unzip on linux to download and unzip.

3) Do the same thing as in Task 2, but use CMake this time to do it.
   Hint: use [this](#) for downloading, and [this](#) for unzipping