

Note: Question 2 is optional (Extra credits)

### ***Online compilers:***

There are several online Cloud computing environments where you can edit, *compile*, execute and share your varieties of projects. For example the following link is a link for compiling and executing c projects online, using cloud.

[http://www.tutorialspoint.com/compile\\_c\\_online.php](http://www.tutorialspoint.com/compile_c_online.php)

Questions:

1. Write a C program that takes as input a month and year and determines how many days are in the month, and outputs the number of days. Thirty days are in September, April, June, and November. All the rest are 31 except for February which could be 28 or 29 depending upon whether the year is a leap year or not. Consider a year a leap year if it is evenly divisible by 4.
2. Write a c program which gets grades of 10 student from the user and then finds and prints the average of them and the max grade. **(Optional)**