

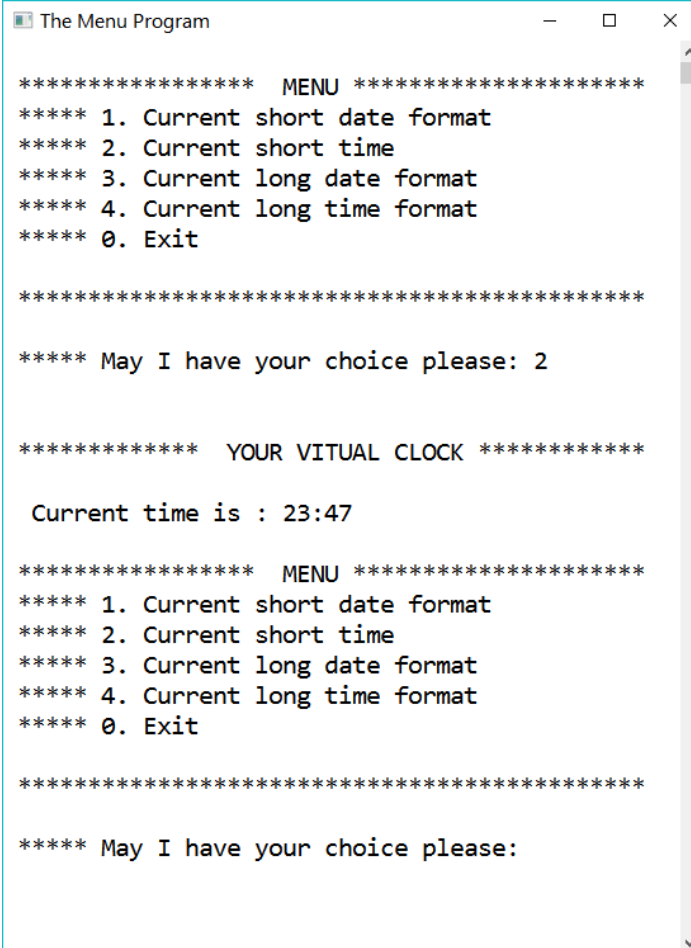
## The Time and Date App

### 1. Objectives

This exercise is intended to help you solve the assignment in the session. Learn how the methods of the System.Console class can be used to manage input/output to a Command Prompt window.

### 2. Description

Write a program that presents a menu to the user and based on the user's choice gives the current date and time as demonstrated in the run example here.



```
***** MENU *****
***** 1. Current short date format
***** 2. Current short time
***** 3. Current long date format
***** 4. Current long time format
***** 0. Exit

*****

***** May I have your choice please: 2

***** YOUR VIRTUAL CLOCK *****

Current time is : 23:47

***** MENU *****
***** 1. Current short date format
***** 2. Current short time
***** 3. Current long date format
***** 4. Current long time format
***** 0. Exit

*****

***** May I have your choice please:
```

Here is some hint to help you format the Prompt window's colors and title:

```
class MenuProgram
{
    0 references
    static void Main(string[] args)
    {
        Console.BackgroundColor = ConsoleColor.White;
        Console.Clear ( );
        Console.Title = "The Menu Program";
        Console.ForegroundColor = ConsoleColor.Black;

        // Declare and create an object of the Menu class
        Menu menu = new Menu();
        // Call the start method of the Menu class to
        // get started.
        menu.ShowMenu();
    }
}
```

### 3. Requirements

- Create at least two classes with a Main method and one that handles the menu logics.
- Use only private fields.
- Write a method for every task. Write as many methods as you can.
- The menu should loop until the user inputs a zero to exit.

### 4. Help and submission

A solution to this exercise is available on the course site.. The exercises is not to be submitted.

Good Luck!

*Programming is fun. Never give up. Ask for help!*

**Farid Naisan,**

Course Responsible and Instructor