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## **INTRODUCTION**

A calendar is a system of organizing days. This is done by giving names to periods of time, typically days, weeks, months and years. This report has described the successful design and development of a calendar program.

The project shows the calendar for a particular year. It also shows the day for the corresponding date and also shows the leap year.

# HARDWARE AND SOFTWARE REQUIREMENTS

#### **HARDWARE**

Processor AMD Ryzen 5 3450U with Radeon Vega Mobile Gfx 2.10 GHz

Installed RAM8.00 GB (5.92 GB usable)

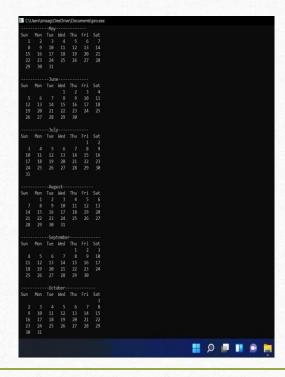
System type 64-bit operating system, x64-based processor

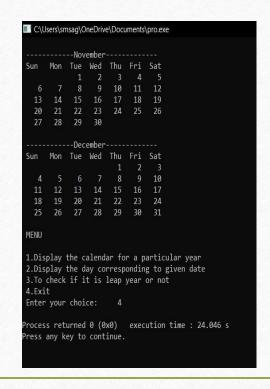
#### **SOFTWARE**

The program is compiled in code::blocks using GCC compiler. Windows XP and upwards

### **SCREENSHOTS**

#### 1. Display the calendar for a particular year





#### 2. Display the day corresponding to the given date

```
C:\Users\smsag\OneDrive\Documents\pro.exe
MENU
1.Display the calendar for a particular year
2.Display the day corresponding to given date
3.To check if it is leap year or not
4.Exit
Enter your choice: 2
Enter a valid date (dd/mm/yyyy) : 28/03/2022
The day is : Monday
The Month is: March
MENU
1.Display the calendar for a particular year
2.Display the day corresponding to given date
3.To check if it is leap year or not
 Enter your choice: 4
Process returned 0 (0x0) execution time : 16.855 s
Press any key to continue.
```

#### 3. To check if it is leap year or not

```
C:\Users\smsag\OneDrive\Documents\pro.exe
4.Exit
 Enter your choice:
Enter a year: 2000
2000 is a leap year.
1.Display the calendar for a particular year
2.Display the day corresponding to given date
 3.To check if it is leap year or not
4.Exit
 Enter your choice:
Enter a year: 2003
2003 is not a leap year.
1.Display the calendar for a particular year
 2.Display the day corresponding to given date
 3.To check if it is leap year or not
4.Exit
 Enter your choice:
Process returned 0 (0x0) execution time : 31.005 s
  ress any key to continue.
```

## REFERENCES

- <a href="https://www.programiz.com/c-programming/examples/leap-year">https://www.programiz.com/c-programming/examples/leap-year</a>
- <a href="https://www.programiz.com/c-programming/examples/leap-year">https://www.programiz.com/c-programming/examples/leap-year</a>
- https://en.wikipedia.org/wiki/Determination\_of\_the\_day\_of\_the\_week#Implementation-dependent\_methods\_of\_Sakamoto.2C\_Lachman.2C\_Keith\_and\_Craver

# THANKYQU