

# Indian National Calendar

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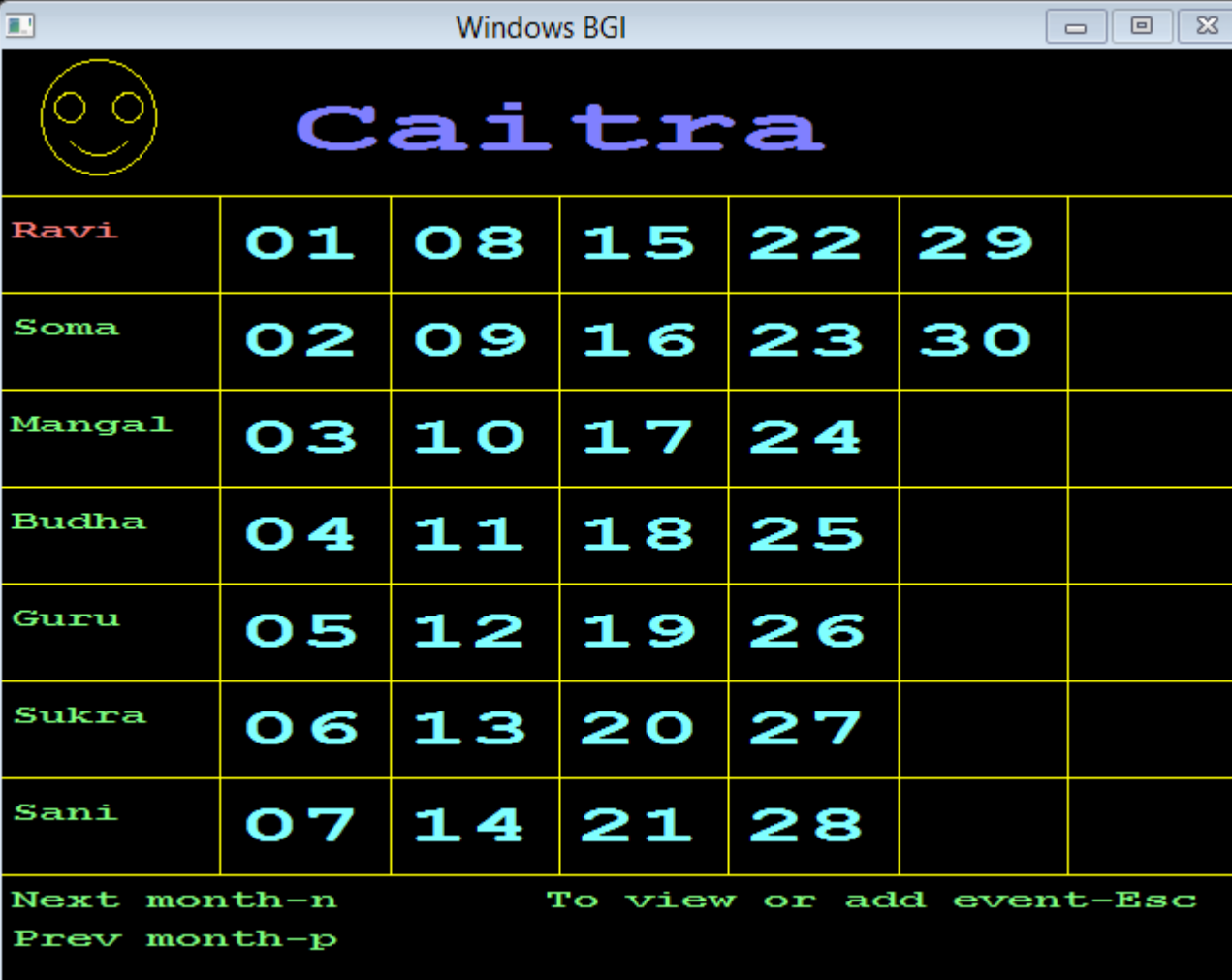
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# Problem Statement

- In this project you can use two types of calendars which are Gregorian and Indian national calendar . Moreover you can use gregorian coverter to convert a day in gregorian to corresponding day in Indain national calendar .You can feed events on a particular day and you can view them whenever you want . Some default events are already fed to the you can watch them.
- **Making calendar.**
- **Making the calendar user friendly.**
- **Adding events on a particular day.**
- **View events of a particular day along with added events.**
- **Running the code in background.**
- **Notifications to the user about the events fed in the calendar.**
- **Making Gregorian converter.**
- **Sync the console time with the local device same.**

# Screenshots



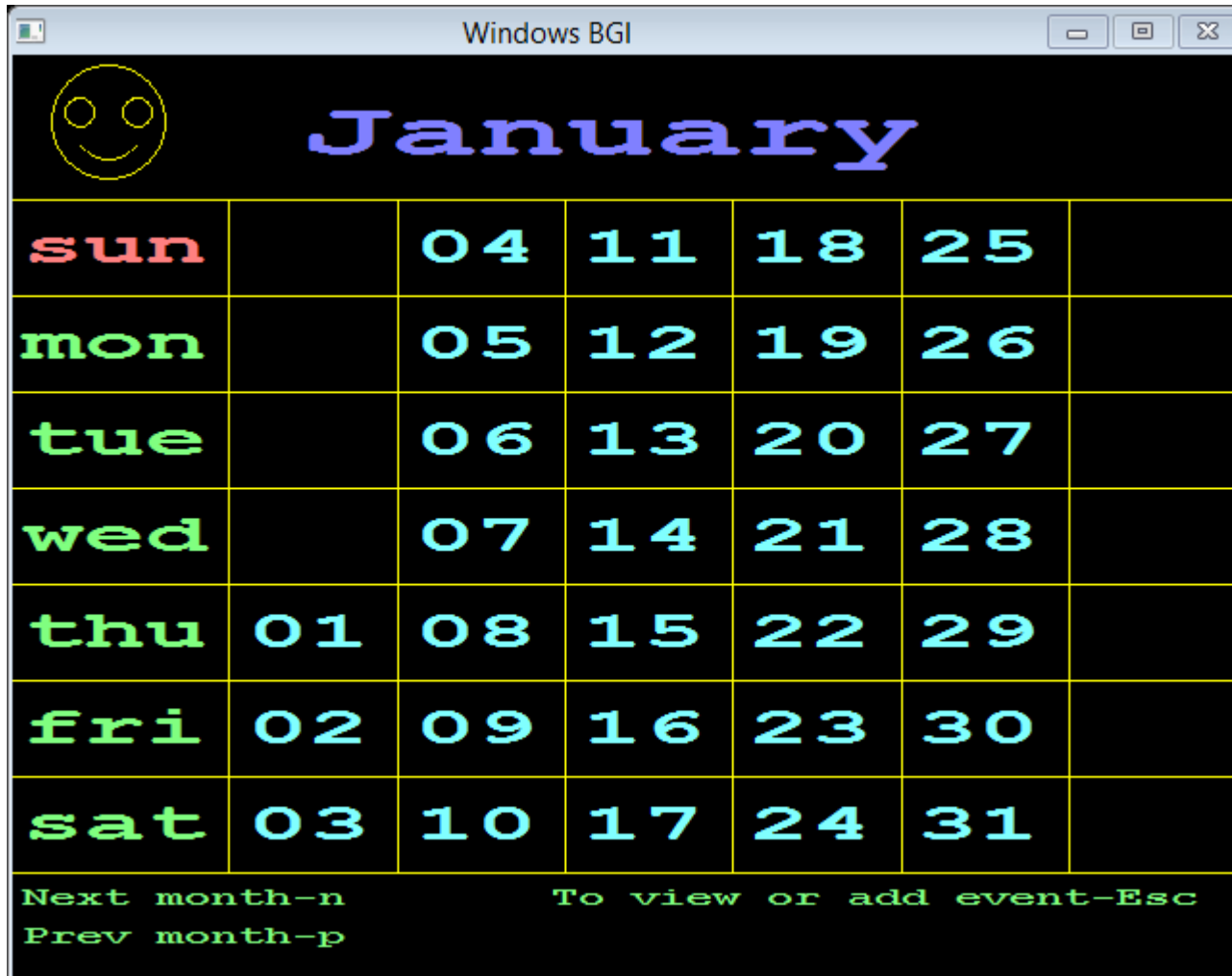
Windows BGI

 **Caitra**

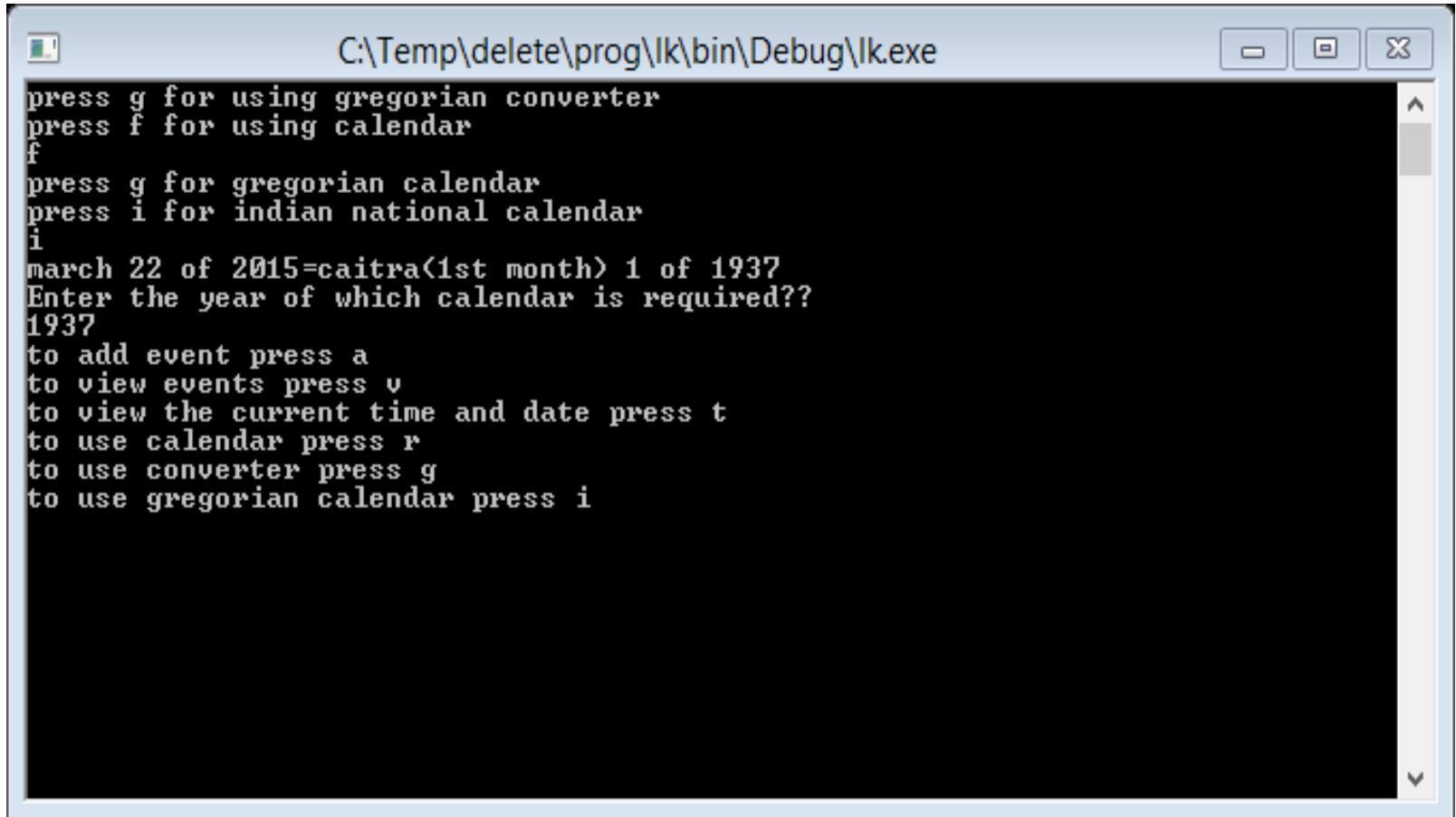
Ravi	01	08	15	22	29	
Soma	02	09	16	23	30	
Mangal	03	10	17	24		
Budha	04	11	18	25		
Guru	05	12	19	26		
Sukra	06	13	20	27		
Sani	07	14	21	28		

Next month-n                      To view or add event-Esc  
Prev month-p

# Screenshots



# Screenshots



A screenshot of a Windows command prompt window. The title bar shows the file path `C:\Temp\delete\prog\lk\bin\Debug\lk.exe`. The window contains a text-based menu for a calendar application. The user has entered the letter 'f' to select the calendar option, followed by 'i' to select the Indian national calendar. The application then displays the date 'march 22 of 2015=caitra<1st month> 1 of 1937' and prompts the user to enter a year. The user has entered '1937'. Below this, a list of options is shown, each with a corresponding key to press: 'a' for adding an event, 'v' for viewing events, 't' for viewing current time and date, 'r' for using the calendar, 'g' for using the converter, and 'i' for using the gregorian calendar.

```
C:\Temp\delete\prog\lk\bin\Debug\lk.exe
press g for using gregorian converter
press f for using calendar
f
press g for gregorian calendar
press i for indian national calendar
i
march 22 of 2015=caitra<1st month> 1 of 1937
Enter the year of which calendar is required??
1937
to add event press a
to view events press v
to view the current time and date press t
to use calendar press r
to use converter press g
to use gregorian calendar press i
```

# Challenges

1. To run the code in background is the main problem we have been facing .

➤ We are unable to solve it despite the help from T.A.

➤ We came to know that it may be solved using terminal in mac .

2. Sending notifications to the user on the day of event.

➤ For this to happen our code should run in background.

➤ So we are unable to solve this also.

3. To use calendar once again even after moving to console.

➤ We used while loop for the whole code for this to happen.

# Future Work

- In future we are expecting to learn XAML and workout the solution .
- We could make the project more efficient by pop up notifications of the events.
- We already made to view events of a particular day , we can extend this to search based on events.
- We can the highlight the dates in the calendar on which user added events.
- We can make converter which converts date in Indian national calendar to Gregorian calendar.
- We can develop this into an android app.