

Who's Birthday is It? – A Birthday Tracker

Problem Statement

Many people forget their friends', family member's, and even in some situations, their partner. This can lead to the person being upset, or even worse lead to breakups (platonic and romantic). One thing that would be helpful is something that you could use so that you wouldn't forget the next person's birthday.

Project Objectives

1. enter names
2. enter their birthdays
3. code will ask today's date
4. enter the date
5. code will display whose birthday it is today, otherwise it will display "It isn't anyone's birthday today"

Planned Features

1. The user can input as many names and birthdays as they can until they input "end" as the name and then ask for the current date next.
2. You can save birthday data and check again later.

Planned Inputs and Outputs

Inputs:

Enter Name: Marie
Enter their birthday (MM-DD): 01-03
Enter Name: Nayne
Enter their birthday (MM-DD): 05-20
Enter Name: Marthena
Enter their birthday (MM-DD): 04-10
Enter Name: end

Enter the date today: September 9

Outputs:

Date today: May 20
It is Nayne's birthday today..!

Logic Plan (Pseudocode)

START

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Create or open a file called "birthdays.txt"

REPEAT:

 Ask user: "Enter a name (or type 'end' to stop):"

 Save as name

 IF name is "end":

 STOP the loop

 Ask: "Enter birthday (MM-DD)"

 Save as birthday

 Save name and birthday to the file in format: name-MM-DD

UNTIL name is "end"

Close the file

Open the file again for reading

Ask user: "Enter a date to check (MM-DD):"

Save as check_date

FOR each line in the file:

 Split the line into name and birthday

 IF birthday matches check_date:

 Show: "[name]'s birthday is today!"

IF no match found:

 Say "No birthdays on that date."

END

GitHub Repository Link

<https://github.com/Veramiya-yme/Birthday-tracker.git>