Goal: Create a Daily Planner

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User should be able to:
- Create events
- View events → Enter a date or automatically pull date up.

Limits:
- No 2 events can happen at the same time

Make the output look pretty

Possible Extension: Save events to a file + Read events from file to save user data

Back end

Array of dates → Issue: Can't create an array with all dates ever

Array of events → findDate method combs through dates of events until it finds a match (equals method can compare dates of events?)

Date → Extends Calendar with added functionality for events.

Front end

Create New Event (Enter C)
View Event (Enter V)
Exit (Enter E)

Enter Date (xx/xx/xxxx):
→ String formatting

Event Title:
→ Converting that to a date we can store and manipulate
Start Time:
End Time:

MM/DD/YYYY
EVENT TIME

// No Event Planned Version

Create New Event (Enter C)
View Event (Enter V)
Exit (Enter E)

V

Enter Date (xx/xx/xxxx): xx/xx/xxxx

xx/xx/xxxx
No Events Planned

// Invalid Date

Create New Event (Enter C)
View Event (Enter V)
Exit (Enter E)
V

Enter Date (xx/xx/xxxx): xx/xx/xx

Invalid Date
//Loop thing here

Enter Date (xx/xx/xxxx):

// Invalid Date
Create New Event (Enter C)
View Event (Enter V)
Exit (Enter E)
V

Enter Date (MM/DD/YYYY): MM/DD/YY

Invalid Date
//Loop thing here

Enter Date (MM/DD/YYYY): 2

// Invalid Time

Create New Event (Enter C)
View Event (Enter V)
Exit (Enter E)
C

Enter Date (MM/DD/YYYY): **MM/DD/YYYY**
Enter Start Time (military time) : **45**

Invalid time
Enter Start Time (military time) : **12:75**

Invalid time
Enter Start Time (military time) :

// Overlapping Time

Create New Event (Enter C)
View Event (Enter V)
Exit (Enter E)
C

Enter Date (MM/DD/YYYY): MM/DD/YYYY
Enter Start Time (military time): 13:30

Event Overlaps
MM/DD/YYYY
EVENT TIME