Instructions

Create a file called **date_lab.php**. Inside it, define and call the following functions.

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1. `showNow()`

- Use the `time()` function to get the current UNIX timestamp.
- Display the raw timestamp.
- Then use the `date()` function to format and display today's date and time.

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2. `showStringDate($str)`

- Accept one argument: a date/time string.
- Use `strtotime()` to convert that string into a timestamp.
- Display both the raw timestamp and the formatted date/time.
- Test this function with at least two different string values (for example: `"next Friday"`, `"2025-12-25"`).

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3. `showFourthOfJuly()`

- Use `mktime()` to build a timestamp for **July 4, 2026 at 9:00 AM**.
- Display the formatted result with `date()`.

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4. `addThirtyDaysBySeconds()`

- Take today's date and add 30 days using **raw seconds math** (`30 * 24 * 60 * 60`).
- Add that number of seconds to today's timestamp.
- Display the new date using `date()`.

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5. `addOneYearRelative()`

- Take today's date and add 1 year using a **relative time string** with `strtotime`.
- Display the new date using `date()`.

6. `showCentralTime()`

- First, display the current date/time using `date()`.
- Then call `date_default_timezone_set("America/Chicago");` to change PHP's default timezone.
- Display the current date/time again after the timezone change.

💡 **Why this is needed?**

Deliverables

When you run your file, it should call **all six functions in order**. Each function should:

- Echo out a clear label for what it is showing.
- Show both the raw timestamp (when applicable) and the formatted date/time.

✅ Check yourself:

- Did you use the exact function names listed above?
- Did you use the correct PHP function in each (`time()`, `strtotime()`, `mktime()`, `date()`, `date_default_timezone_set()`)?
- Did you display both raw values and formatted output where possible?
- Did you add **comments in your code** explaining what each function does and why it's being used?