

# Study Planner with Task Reminder Flowchart

**Start**



**Input number of tasks**



**Loop ( $i = 1$  to  $n$ )**

- Input task name
- Input subject
- Input deadline
- Decision: Reminder needed?
  - Yes → Input reminder time
  - No → Skip
- Add task to list



**Show Menu**

1. View all tasks
2. View today's tasks
3. Mark completed
4. Exit



**Decision Box (Choice?)**

- If 1 → Display all tasks → Back to Menu
- If 2 → Display today's tasks → Back to Menu
- If 3 → Mark completed → Back to Menu
- If 4 → End



**End**

# Algorithm

1. Start
2. Initialize an empty Task\_List.
3. Ask the user how many tasks they want to add.
4. For each task from 1 to n:
  1. Input Task\_Name.
  2. Input Subject\_Name.
  3. Input Deadline\_Date.
  4. Ask: “Do you want to set a reminder? (Yes/No)”
  5. If Yes → Input Reminder\_Time.
  6. Add all task details to Task\_List.
5. Display a Menu:
  - 1 → View all tasks
  - 2 → View today's tasks
  - 3 → Mark task as completed
  - 4 → Exit
6. Input User\_Choice.
7. If choice = 1 → Display all tasks.
8. Else if choice = 2 → Display tasks whose deadline = today.
9. Else if choice = 3 → Ask task number → Update status to “Completed”.
10. Else if choice = 4 → Go to Step 12.
11. Return to Step 5.
- Stop

