Generate | generate a code to make a to-do list | Close

1 of 1 | Undo Changes | Use code with caution


```
import datetime

def add_task(tasks):
  task = input("Enter task description: ")
  priority = input("Enter priority (high, medium, low): ").lower()
  due_date_str = input("Enter due date (YYYY-MM-DD): ")
  try:
    due_date = datetime.datetime.strptime(due_date_str, '%Y-%m-%d').date()
  except ValueError:
    print("Invalid date format. Please use YYYY-MM-DD.")
    return tasks
  tasks.append({"task": task, "priority": priority, "due_date": due_date, "completed": False})
  return tasks


def view_tasks(tasks):
  if not tasks:
    print("No tasks in the to-do list.")
    return

  print("\n--- To-Do List ---")
  for index, task in enumerate(tasks):
      status = "[x]" if task["completed"] else "[ ]"
      print(f"{index+1}. {status} {task['task']} (Priority: {task['priority']}, Due: {task['due_date']})")


def mark_complete(tasks):
  view_tasks(tasks)
  try:
    task_index = int(input("Enter the number of the task to mark as complete: ")) - 1
    if 0 <= task_index < len(tasks):
        tasks[task_index]["completed"] = True
        print("Task marked as complete.")
    else:
        print("Invalid task number.")
  except ValueError:
      print("Invalid input. Please enter a number.")
  return tasks


def delete_task(tasks):
  view_tasks(tasks)
  try:
    task_index = int(input("Enter the number of the task to delete: ")) - 1
    if 0 <= task_index < len(tasks):
        del tasks[task_index]
        print("Task deleted.")
    else:
        print("Invalid task number.")
  except ValueError:
    print("Invalid input. Please enter a number.")
  return tasks


def main():
  tasks = []
  while True:
    print("\n--- Options ---")
    print("1. Add task")
    print("2. View tasks")
    print("3. Mark task as complete")
    print("4. Delete task")
    print("5. Exit")
    choice = input("Enter your choice: ")
    if choice == '1':
        tasks = add_task(tasks)
    elif choice == '2':
        view_tasks(tasks)
    elif choice == '3':
        tasks = mark_complete(tasks)
```

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        elif choice == '4':
            tasks = delete_task(tasks)
        elif choice == '5':
            print("Radhe Radhe.")
            break
        else:
            print("Invalid choice.")

if __name__ == "__main__":
  main()
```

```
    --- Options ---
    1. Add task
    2. View tasks
    3. Mark task as complete
    4. Delete task
    5. Exit
    Enter your choice:
```