

```
tasks = []

def add_task(description):
    tasks.append({"description": description, "completed": False})

def view_tasks():
    for idx, task in enumerate(tasks):
        status = "Done" if task["completed"] else "Not Done"
        print(f"{idx + 1}. {task['description']} - {status}")

def update_task(index, description=None, completed=None):
    if description:
        tasks[index]["description"] = description
    if completed is not None:
        tasks[index]["completed"] = completed

def delete_task(index):
    tasks.pop(index)

def main():
    while True:
        print("\nTo-Do List Application")
        print("1. Add Task")
        print("2. View Tasks")
        print("3. Update Task")
        print("4. Delete Task")
```

```
print("5. Exit")
```

```
choice = input("Enter your choice: ")
```

```
if choice == '1':
```

```
    description = input("Enter task description: ")
```

```
    add_task(description)
```

```
elif choice == '2':
```

```
    view_tasks()
```

```
elif choice == '3':
```

```
    index = int(input("Enter task number to update: ")) - 1
```

```
    description = input("Enter new description (leave blank to  
keep current): ")
```

```
    status = input("Enter new status (done/not done/leave blank):  
").lower()
```

```
    completed = None if status == "" else (status == "done")
```

```
    update_task(index, description if description else None,  
completed)
```

```
elif choice == '4':
```

```
    index = int(input("Enter task number to delete: ")) - 1
```

```
    delete_task(index)
```

```
elif choice == '5':
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```
    break
```

```
else:
```

```
    print("Invalid choice. Please try again.")
```

```
if __name__ == "__main__":
```

```
    main()
```

