

FINAL ASSESSMENT
ON

PYTHON PROGRAMMING
FOR
DATA SCIENCE

By,

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VARGHEESE

#10 - To Do List Manager Program in Python

```
task = []
```

```
def add_task():
```

```
    """Add a task to the to-do list"""
```

```
    task = input("Enter a task;")
```

```
    tasks.append(task)
```

```
    print("Task added successfully!\n")
```

```
def remove_task():
```

```
    """Remove a task from the to-do list"""
```

```
    task = input("Enter the task you want  
to remove:")
```

```
    if task in tasks:
```

```
        task.remove(task)
```

```
        print("Task removed successfully.\n")
```

```
    else:
```

```
        print("Task not found in the to-do list.\n")
```

```
def view_tasks():
```

```
    """View all task in the to-do list"""
```

```
    if tasks:
```

```
        print("yours to-do list:")
```


2.

```
for task in tasks:  
    print(f" - {task}")
```

```
else:  
    print("your to-do list is empty.\n")
```

```
def menu():
```

```
    """ Display the menu and get the user's choice """
```

```
    print("To-Do list Manager")
```

```
    print("1. Add a task")
```

```
    print("2. Remove a task")
```

```
    print("3. View tasks")
```

```
    print("4. Exit")
```

```
    choice = input("Enter your choice (1-4):")
```

```
    return choice
```

```
while True:
```

```
    choice = menu()
```

```
    if choice == "1":
```

```
        add_task()
```

```
    elif choice == "2":
```

```
        remove_task()
```

```
    elif choice == "3":
```

```
        view_tasks()
```



```
elif choice == "4":
```

```
    print ("Goodbye!")
```

```
    break.
```

```
else:
```

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

To-Do List Manager

1. Add a task
2. Remove a task
3. View tasks
4. Exit

Enter your choice (1-4): 1

Enter a task: birthday

Task added successfully!

To-Do List Manager

1. Add a task
2. Remove a task
3. View tasks
4. Exit

Enter your choice (1-4): 3

Your to-do list:

- birthday

To-Do List Manager

1. Add a task
2. Remove a task
3. View tasks
4. Exit

Enter your choice (1-4): 2

Enter the task you want to remove: birthday

Task removed successfully!

Task added successfully!

To-Do List Manager

1. Add a task
2. Remove a task
3. View tasks
4. Exit

Enter your choice (1-4): 3

Your to-do list:

- birthday

To-Do List Manager

1. Add a task
2. Remove a task
3. View tasks
4. Exit

Enter your choice (1-4): 2

Enter the task you want to remove: birthday

Task removed successfully!

To-Do List Manager

1. Add a task
2. Remove a task
3. View tasks
4. Exit

Enter your choice (1-4):