

GITHUB Link: [https://github.com/vtadigotla35101/MSCS632\\_Assignment4](https://github.com/vtadigotla35101/MSCS632_Assignment4)

Output Screenshot:

The screenshot shows a code editor interface with several files open in the Explorer sidebar:

- employeeSchedule.py
- emschedule.cpp
- README.md

The employeeSchedule.py file contains the following code:

```
def generate_schedule(employees):  
    chosen = assign_shift(day, shift)  
    print(f" Gap Filler: Assigned {chosen.name} to {day} {shift}")  
  
def print_schedule(schedule):  
    print("\n===== FINAL WEEKLY SCHEDULE =====")  
    for day in DAYS:  
        print(f"\n{day}:")  
        for shift in SHIFTS:  
            workers = ", ".join(schedule[day][shift])  
            print(f" {shift}: {workers}")  
  
# --- Main Application Execution ---
```

The terminal window shows the command PS C:\Users\vardh\OneDrive\Desktop\OPT\UniversityofCumberlands\Spring2026\Advanced Programming Languages\MSCS632\_Assignment4 & C:/Users/vardh/AppData/Local/Programs/Python/Python313/python.exe "c:/Users/vardh/OneDrive/Desktop/OPT/UniversityofCumberlands/Spring2026/Advanced Programming Languages/MSCS632\_Assignment4/employeeSchedule.py"

WARNING: Not enough staff for Sunday Evening

===== FINAL WEEKLY SCHEDULE =====

Monday:  
Morning : Alice, Bob, Grace  
Afternoon : Charlie, David, Heidi  
Evening : Eve, Frank

Tuesday:  
Morning : Alice, Bob, Grace  
Afternoon : Charlie, David, Heidi  
Evening : Eve, Frank

Wednesday:  
Morning : Alice, Bob, Grace  
Afternoon : Charlie, David, Heidi  
Evening : Eve, Frank

Thursday:  
Morning : Alice, Bob, Grace  
Afternoon : Charlie, David, Heidi