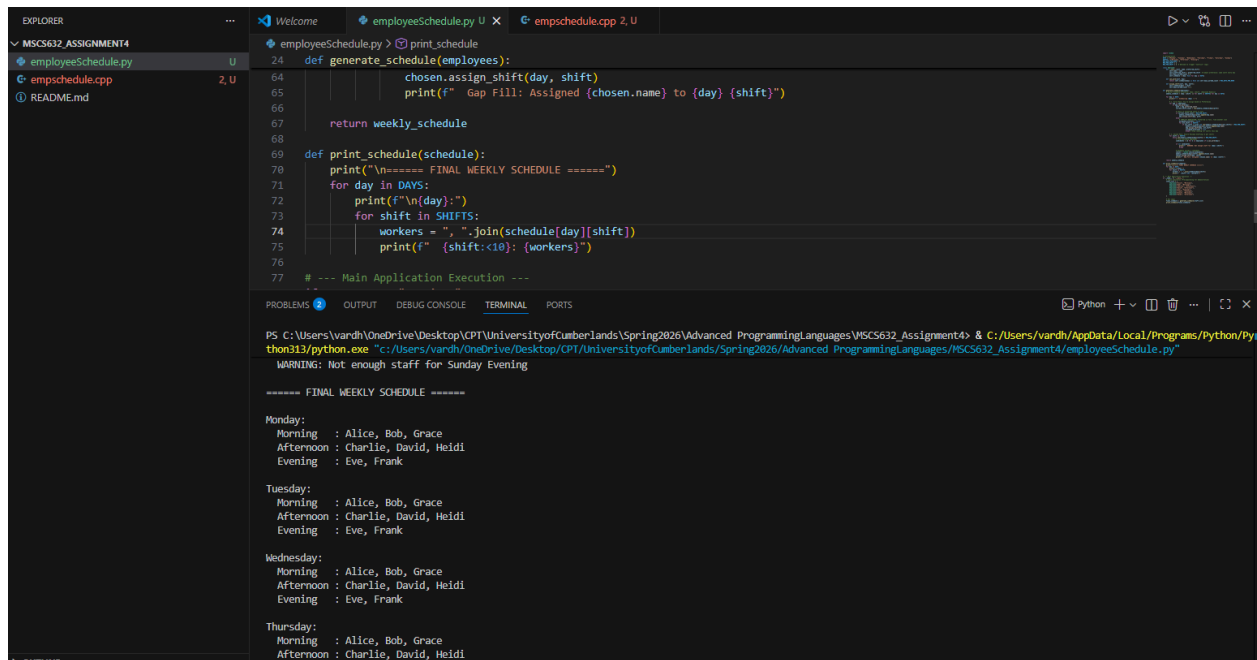


GITHUB Link: https://github.com/vtadigotla35101/MSCS632_Assignment4

Output Screenshot:



The screenshot shows a Visual Studio Code editor with a file explorer on the left displaying a project named 'MSCS632_ASSIGNMENT4' containing 'employeeSchedule.py', 'empschedule.cpp', and 'README.md'. The main editor window shows the 'employeeSchedule.py' file with the following code:

```
24 def generate_schedule(employees):
64     chosen.assign_shift(day, shift)
65     print(f" Gap Fill: Assigned {chosen.name} to {day} {shift}")
66
67     return weekly_schedule
68
69 def print_schedule(schedule):
70     print("\n===== FINAL WEEKLY SCHEDULE =====")
71     for day in DAYS:
72         print(f"\n{day}:")
73         for shift in SHIFTS:
74             workers = ", ".join(schedule[day][shift])
75             print(f" {shift:<10}: {workers}")
76
77 # --- Main Application Execution ---
```

The bottom panel shows the 'TERMINAL' output with the following text:

```
PS C:\Users\vardh\OneDrive\Desktop\CPT\UniversityofCumberlands\Spring2026\Advanced ProgrammingLanguages\MSCS632_Assignment4> & C:\Users\vardh\AppData\Local\Programs\Python\Python313\python.exe "c:/Users/wardh/OneDrive/Desktop/CPT/UniversityofCumberlands/Spring2026/Advanced ProgrammingLanguages/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
```