Execution Output

1. Scheduling (SC) for an appointment with a magician.

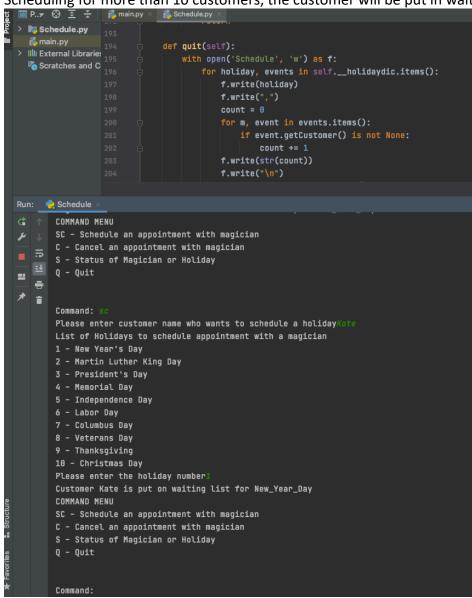
```
🖔 Schedule.py
 ■ P..> 🔁 🚊 🕌 main.py × 🐔 Schedule.py
 > K Schedule.py 193
   🛵 main.py
                               def quit(self):
 > Illi External Librarie: 195
                              with open('Schedule', 'w') as f:
   Scratches and C 196
                                       for holiday, events in self.__holidaydic.items():
                                           f.write(holiday)
                                           f.write(",")
                                           for m, event in events.items():
                                                if event.getCustomer() is not None:
                                           f.write(str(count))
                                         f.write("\n")
 Run: 👶 Schedule
    SC - Schedule an appointment with magician
 C - Cancel an appointment with magician
S - Status of Magician or Holiday
    ≐ Q - Quit
    ÷
    î
         Command: SC
         Please enter customer name who wants to schedule a holiday James
         List of Holidays to schedule appointment with a magician
         1 - New Year's Day
         2 - Martin Luther King Day
         3 - President's Day
         4 - Memorial Day
         5 - Independence Day
         6 - Labor Day
         7 - Columbus Day
         8 - Veterans Day
         9 - Thanksgiving
         10 - Christmas Day
         Please enter the holiday number1
         Magician Dennis Kyra is scheduled for customer James on New_Year_Day
         COMMAND MENU
         SC - Schedule an appointment with magician
         C - Cancel an appointment with magician
         S - Status of Magician or Holiday
         Q - Quit
```

2. Scheduling another customer with an magician

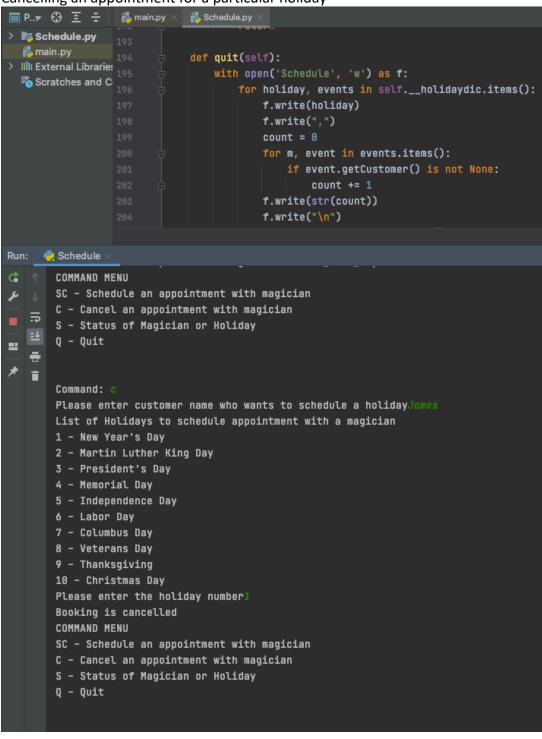
```
Command: SC
Please enter customer name who wants to schedule a holidayHarshinee
List of Holidays to schedule appointment with a magician
1 - New Year's Day
2 - Martin Luther King Day
3 - President's Day
4 - Memorial Day
5 - Independence Day
6 - Labor Day
7 - Columbus Day
8 - Veterans Day
9 - Thanksgiving
10 - Christmas Day
Please enter the holiday number1
Magician James Maxwell is scheduled for customer Harshinee on New_Year_Day
COMMAND MENU
SC - Schedule an appointment with magician
C - Cancel an appointment with magician
S - Status of Magician or Holiday
Q - Quit
```

Similarly scheduling for another 8 customers.

3. Scheduling for more than 10 customers, the customer will be put in waiting list.



4. Cancelling an appointment for a particular holiday



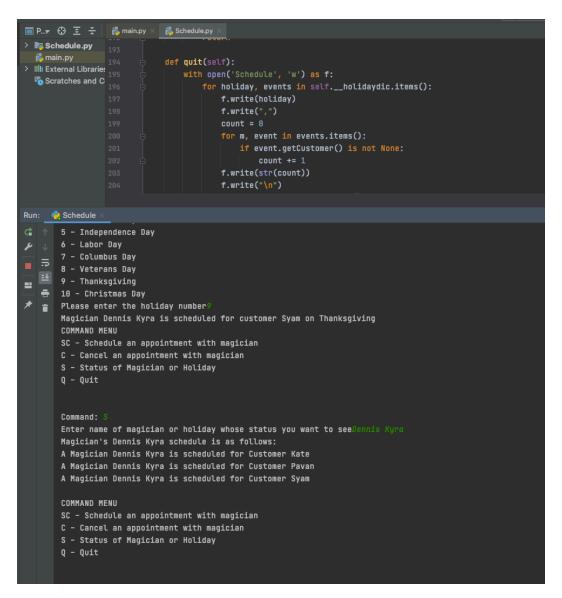
5. Checking Status (S) of a particular holiday or magician. First let's check for holiday

A person on waiting list is automatically scheduled for a magician if someone cancels.

```
■ P..🔻 🤁 🔄 😤
                            🛵 Schedule.py
  Schedule.py
  🛵 main.py
                             def quit(self):
 IIII External Libraries
                                 with open('Schedule', 'w') as f:
  Scratches and C
                                     for holiday, events in self.__holidaydic.items():
                                         f.write(holiday)
                                         f.write(",")
                                         count = 0
                                         for m, event in events.items():
                                             if event.getCustomer() is not None:
                                                 count += 1
                                        f.write(str(count))
                                         f.write("\n")
Run: 党 Schedule
       Booking is cancelled
       COMMAND MENU
       SC - Schedule an appointment with magician
       C - Cancel an appointment with magician
   😆 S – Status of Magician or Holiday
   🖶 Q - Quit
   Ť
       Command:
       Enter name of magician or holiday whose status you want to seeNew_Year_Day
       Schedule on New_Year_Day is as follows:
       An event is scheduled by Magician Dennis Kyra for Customer Kate on New_Year_Day
       An event is scheduled by Magician James Maxwell for Customer Harshinee on New_Year_Day
       An event is scheduled by Magician John Abram for Customer Hemanth on New_Year_Day
       An event is scheduled by Magician Scott Adams for Customer Kasi on New_Year_Day
       An event is scheduled by Magician Jennifer English for Customer Anu on New_Year_Day
       An event is scheduled by Magician Heather Rogers for Customer Derris on New_Year_Day
       An event is scheduled by Magician Alan Key for Customer Scott on New_Year_Day
       An event is scheduled by Magician Dan Chan for Customer Kaira on New_Year_Day
       An event is scheduled by Magician Mark Robinson for Customer Tommy on New_Year_Day
       An event is scheduled by Magician Emma Watson for Customer IVy on New_Year_Day
       COMMAND MENU
       SC - Schedule an appointment with magician
       C - Cancel an appointment with magician
       S - Status of Magician or Holiday
       Q - Quit
       Command:
```

Similarly scheduling for more customers.

Checking Status (S) of a particular holiday or magician. Let's check for magician



7. Quit – Saving the schedule and exiting the program

```
🌇 main.py 🗡 🎇 Schedule.py
> Kanala Schedule.py 193
  構 main.py
 Illi External Libraries
                              def quit(self):
  Scratches and C
                                     for holiday, events in self.__holidaydic.items():
                                          f.write(holiday)
                                         f.write(",")
                                         count = 0
                                          for m, event in events.items():
                                             if event.getCustomer() is not None:
                                          f.write(str(count))
                                          f.write("\n")
   ↑ 9 - Thanksgiving
       10 - Christmas Day
       Please enter the holiday number9
       Magician Dennis Kyra is scheduled for customer Syam on Thanksgiving
      COMMAND MENU
==
   🖶 SC - Schedule an appointment with magician
   👚 C - Cancel an appointment with magician
       S - Status of Magician or Holiday
       Q - Quit
       Command:
       Enter name of magician or holiday whose status you want to seeDennis Kyra
       Magician's Dennis Kyra schedule is as follows:
       A Magician Dennis Kyra is scheduled for Customer Kate
       A Magician Dennis Kyra is scheduled for Customer Pavan
       A Magician Dennis Kyra is scheduled for Customer Syam
       COMMAND MENU
       SC - Schedule an appointment with magician
       C - Cancel an appointment with magician
       S - Status of Magician or Holiday
       Q - Quit
       Command: (
       Bye!
       Process finished with exit code 0
```

8. The Schedule is now written in the Schedule file.

